

BULLETIN No. 1138  
ISSUE 1  
DECEMBER, 1946

# TELETYPE

PRINTING TELEGRAPH SYSTEMS

## PARTS

### TYPE-WHEEL PAGE PRINTER

TELETYPE MODEL 27  
SIGNAL CORPS TT4/TG



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### TYPE-WHEEL PAGE PRINTER

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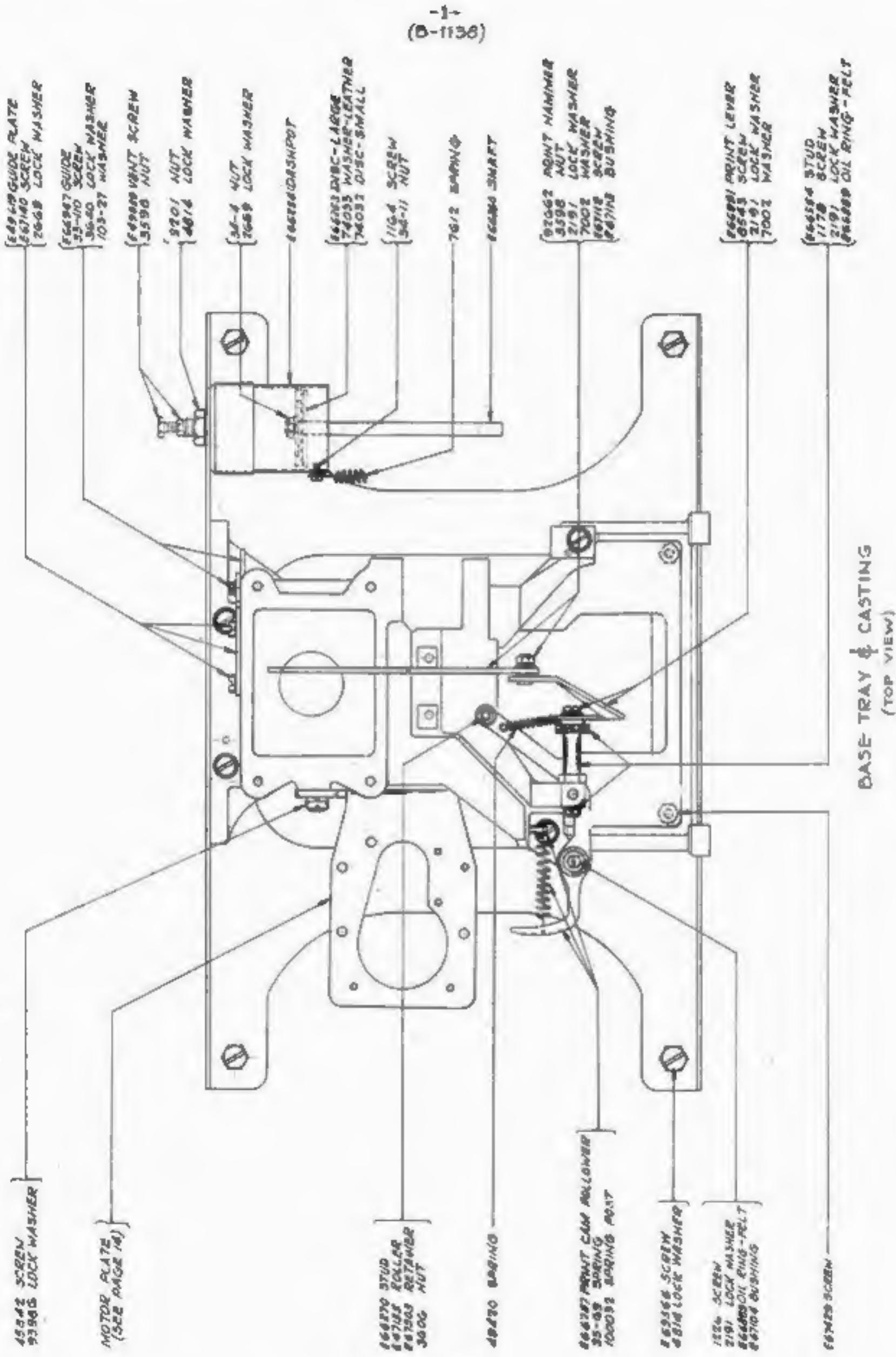
SPECIAL NOTE

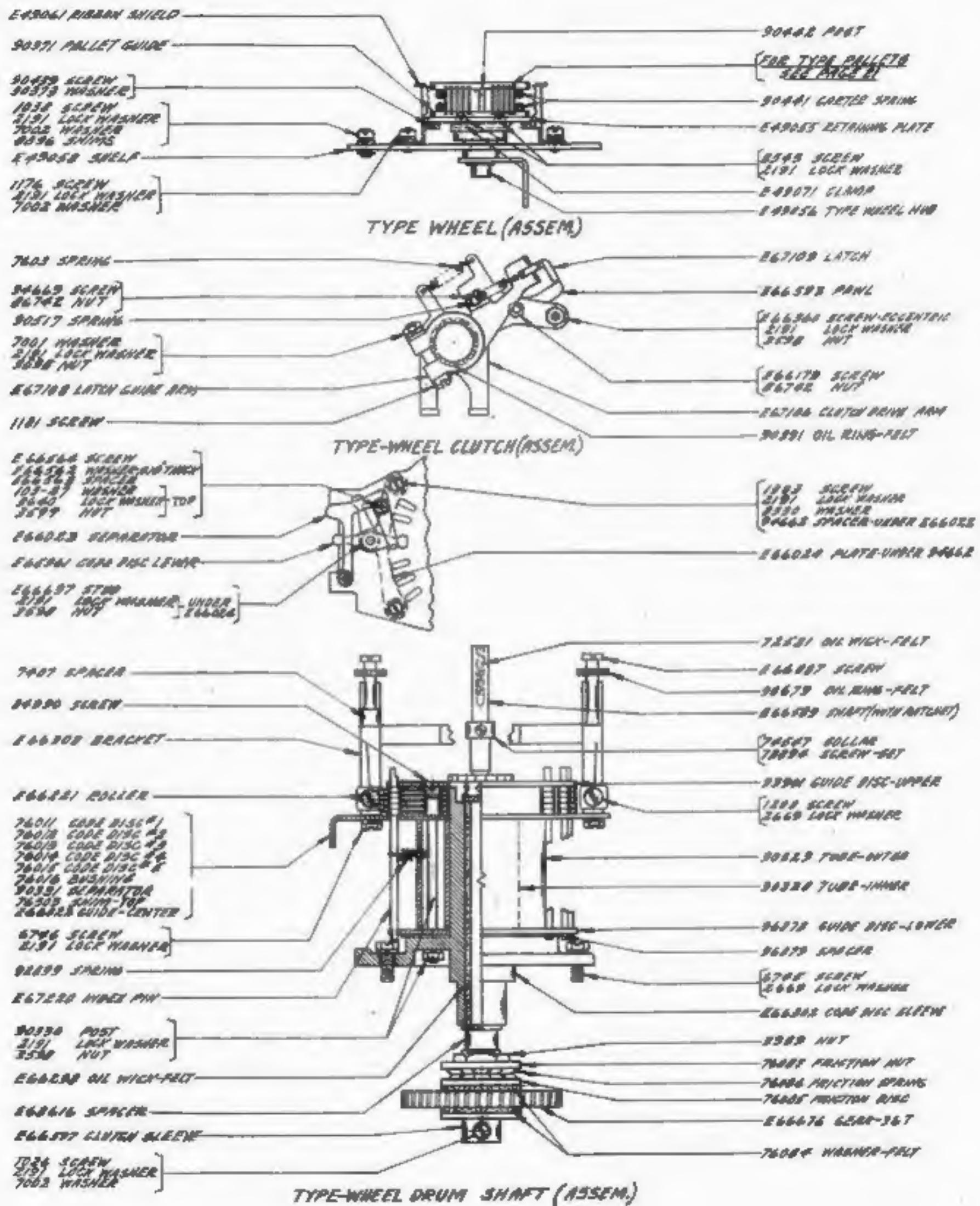
ONLY PARTS SHOWN HEREIN WITHOUT THE LETTER "P"  
PREFIX MAY BE ORDERED AS SERVICE ITEMS.

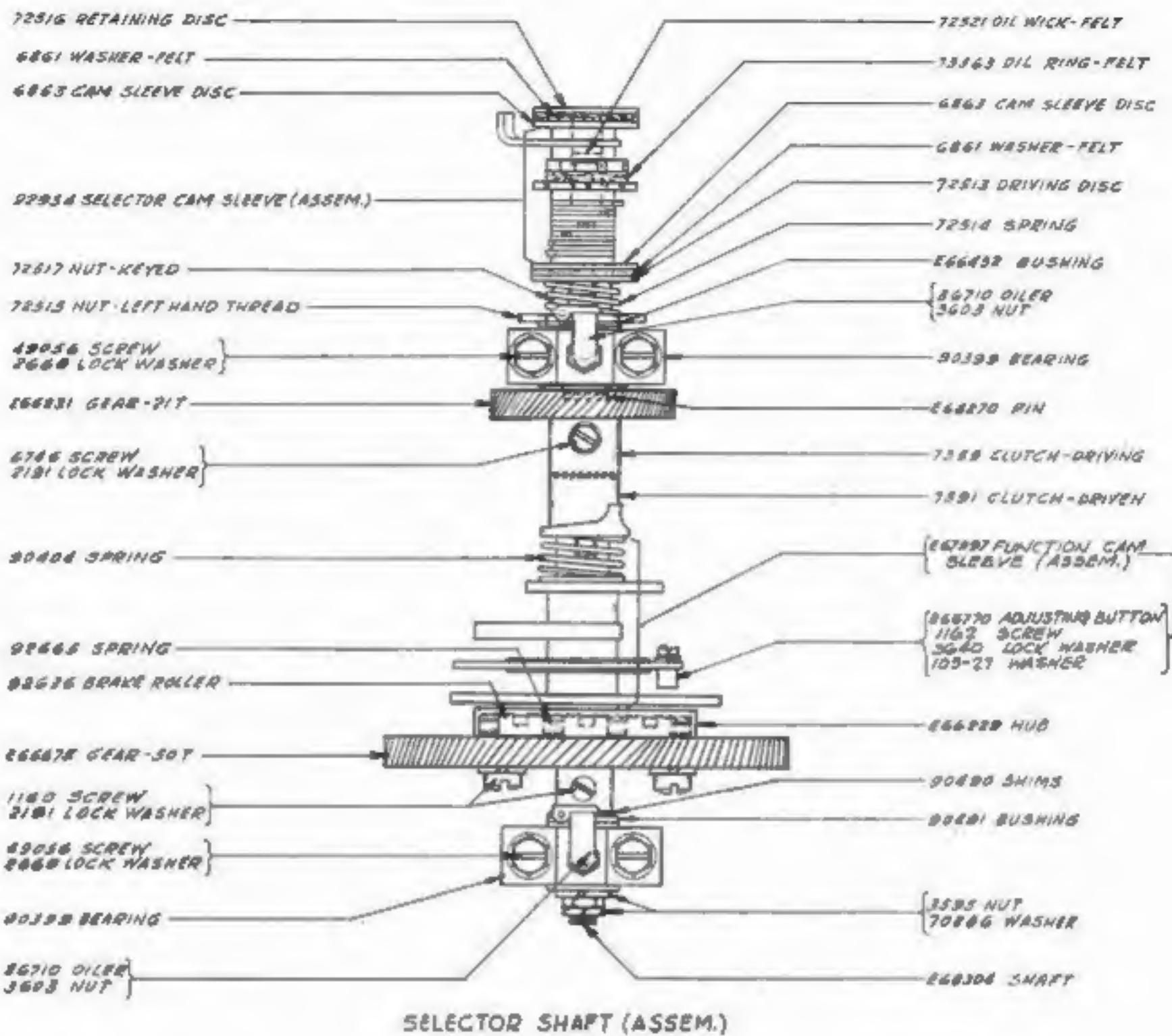
PART NUMBERS PREFIXED WITH LETTER "P" ARE SHOWN  
FOR IDENTIFICATION PURPOSES ONLY.

## ALPHABETICAL INDEX

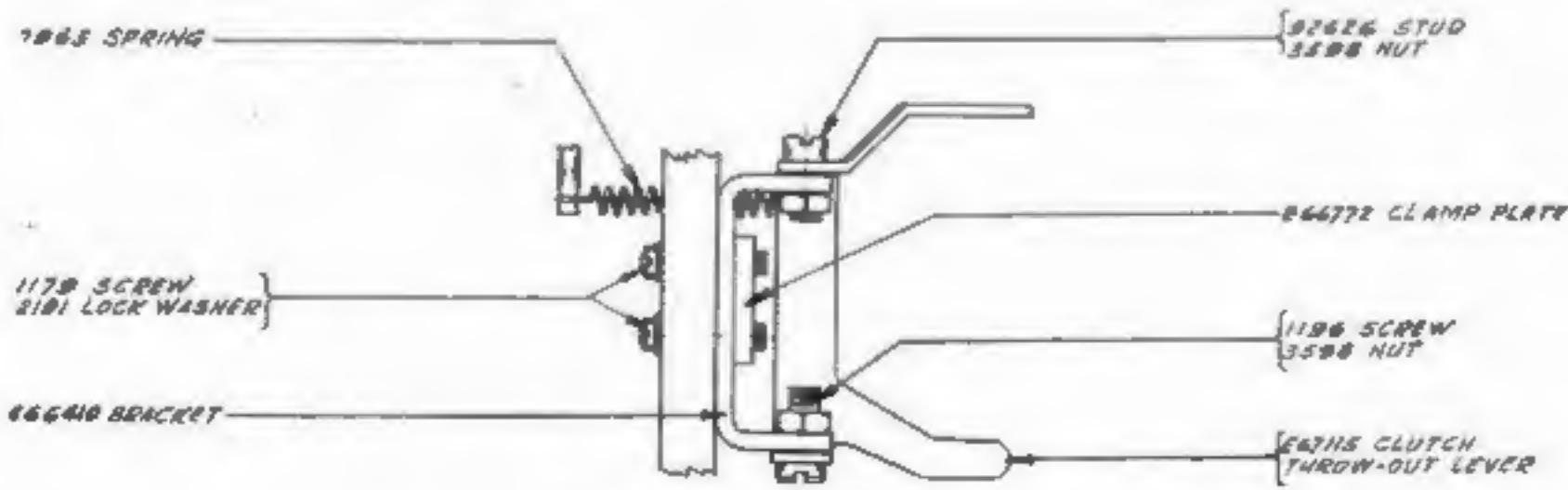
DESCRIPTION	PAGE NO.	DESCRIPTION	PAGE NO.
Base Tray and Casting	1	Motor Control	10
Bells	9	Motor Control Contact	10
Break Key	16	Paper Roll Frame	16
Cam Sleeve - Function	3	Paper Roll Spindle	16
Cam Sleeve - Selector	3	Pinion	14
Cam Sleeve - Transmitter	10	Platen Carriage	11
Carrying Case	20	Plug and Cable - Keyboard	12
Clutch Throwout Lever	3	Power Filter	16
Code Discs	2	Power Supply Panel	17
Code and Function Bar Unit	5	Print hammer Parts	1
Condenser	14, 17	Range Scale	4
Condenser and Spare Fuse Bracket	17	Rear Frame	9
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Control Panel	16	Resistors	14, 17
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Cover - Upper Section	19	Ribbon Spools	8
Dashpot - Carriage Return	9	Rubber Mounting - Carrying Case	20
Dashpot - Type Wheel	1	Rubber Mounting - Cover	15
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Filter	13	Selector Shaft	9
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Key Levers	12	Transfer Contact	10
Keytops	21	Transfer Levers	4
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Miscellaneous Function Levers	7	Type-wheel Clutch	2
Motor	14	Type-wheel Drum Shaft	2
		Type-wheel Lift and Function Pawls	6



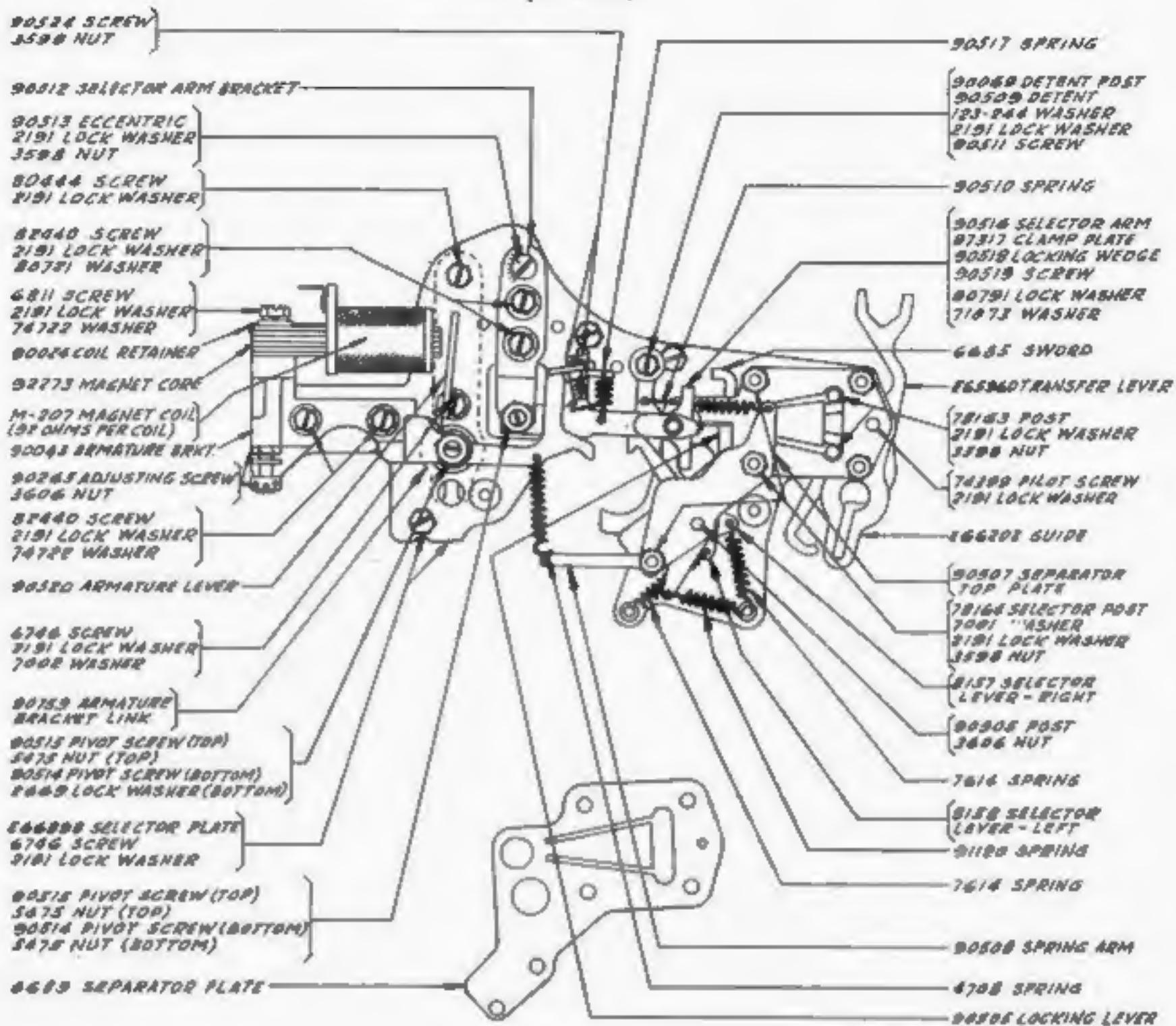




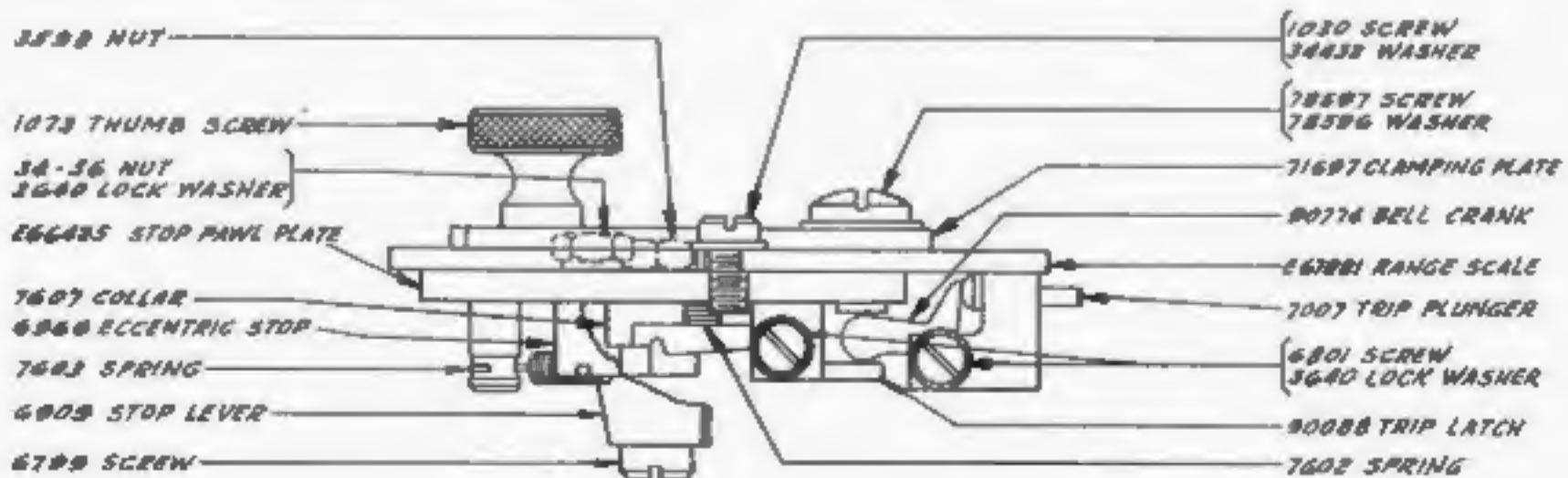
SELECTOR SHAFT (ASSEM.)



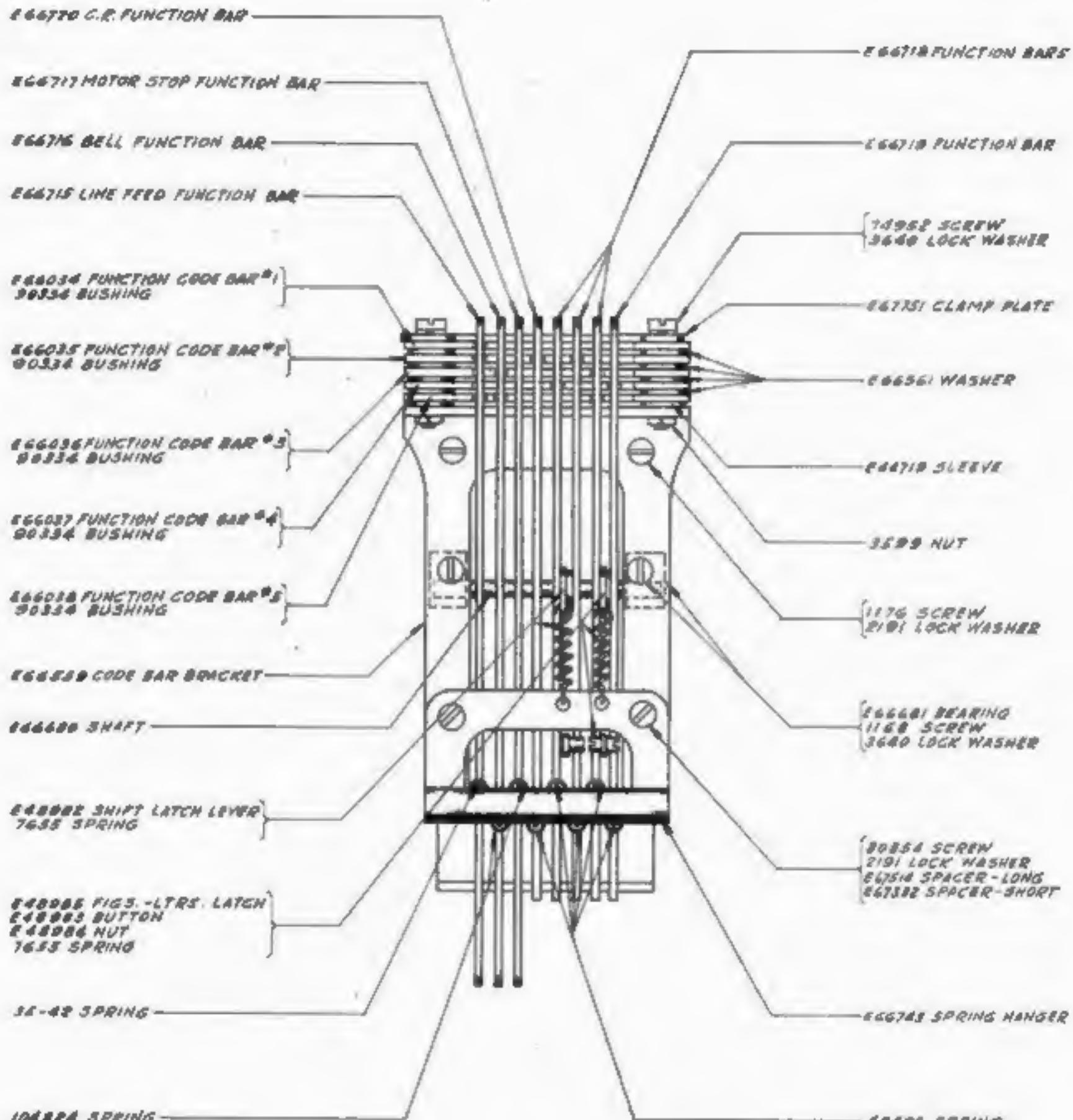
CLUTCH THROW-OUT LEVER



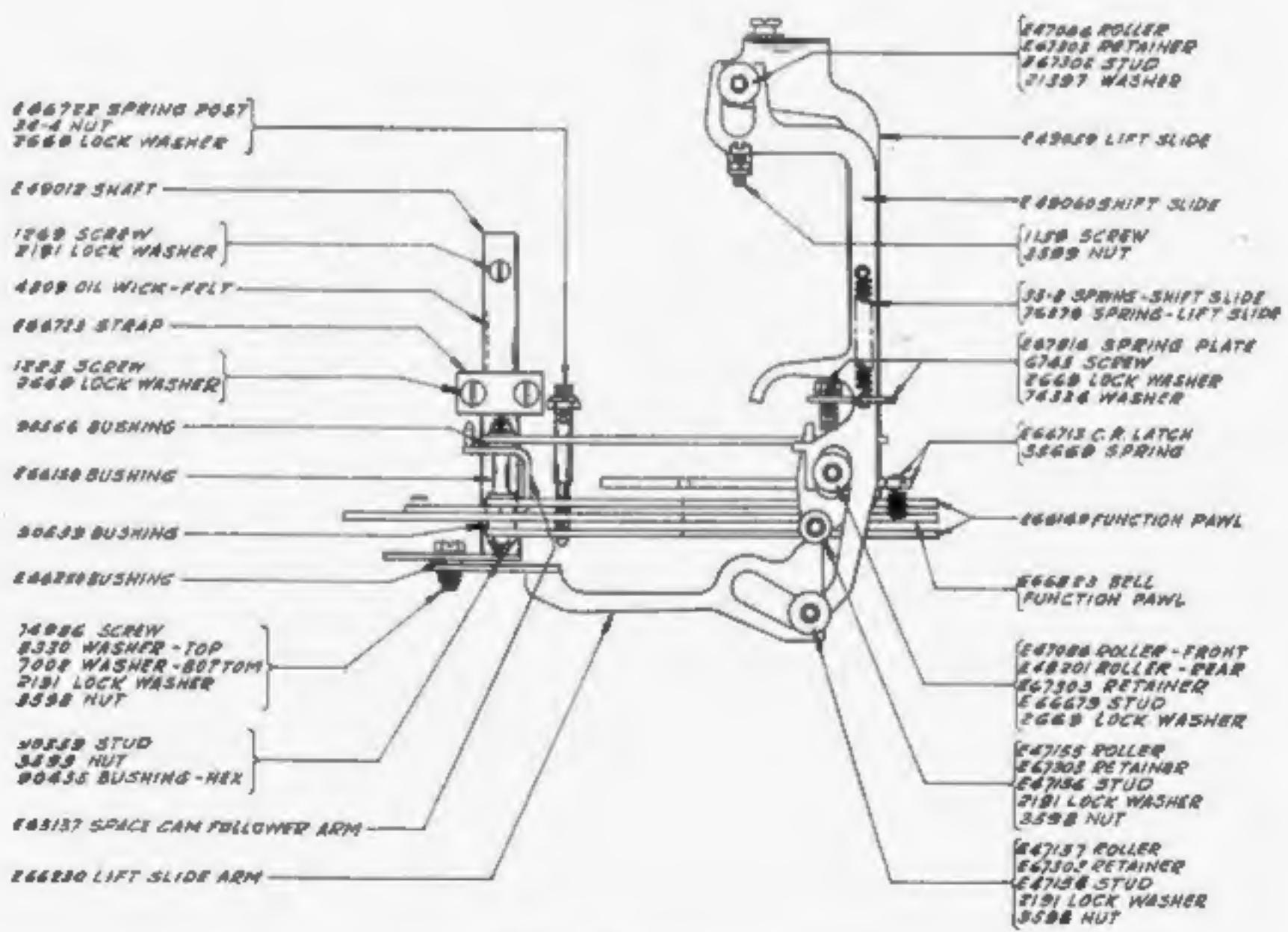
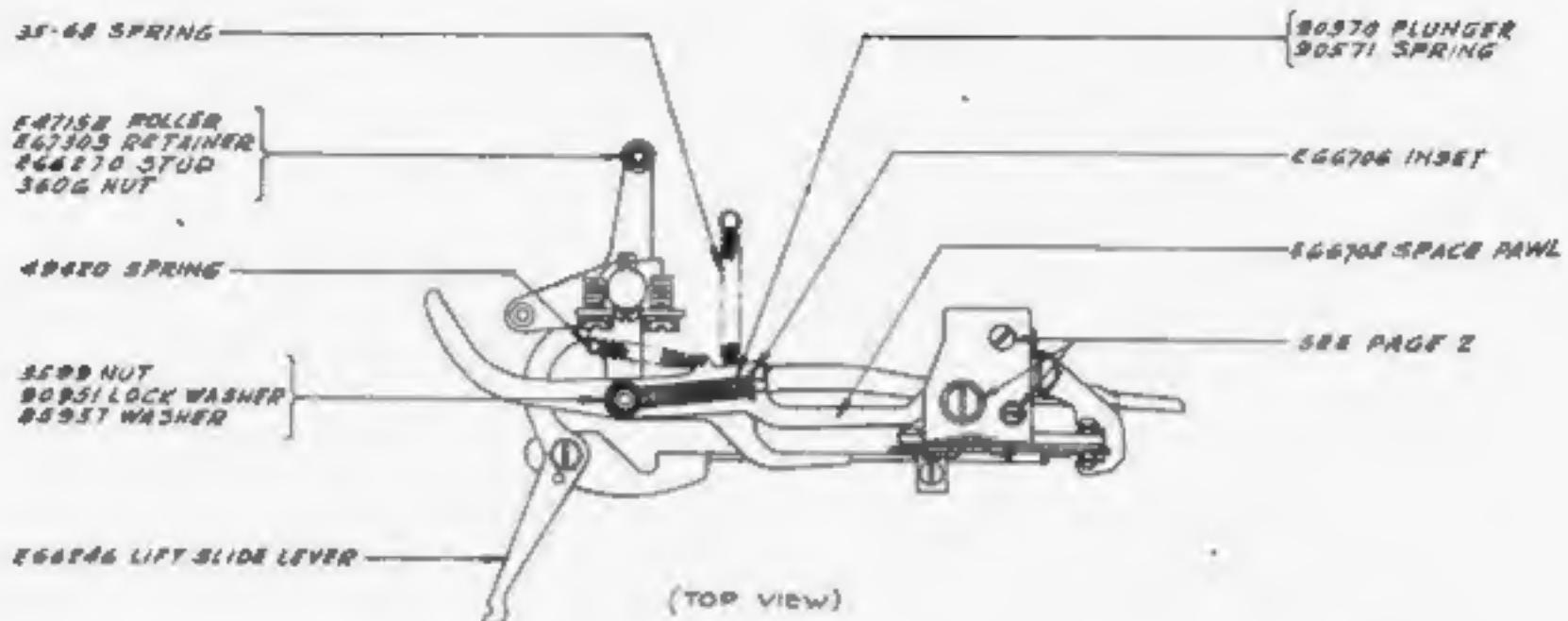
SELECTOR UNIT



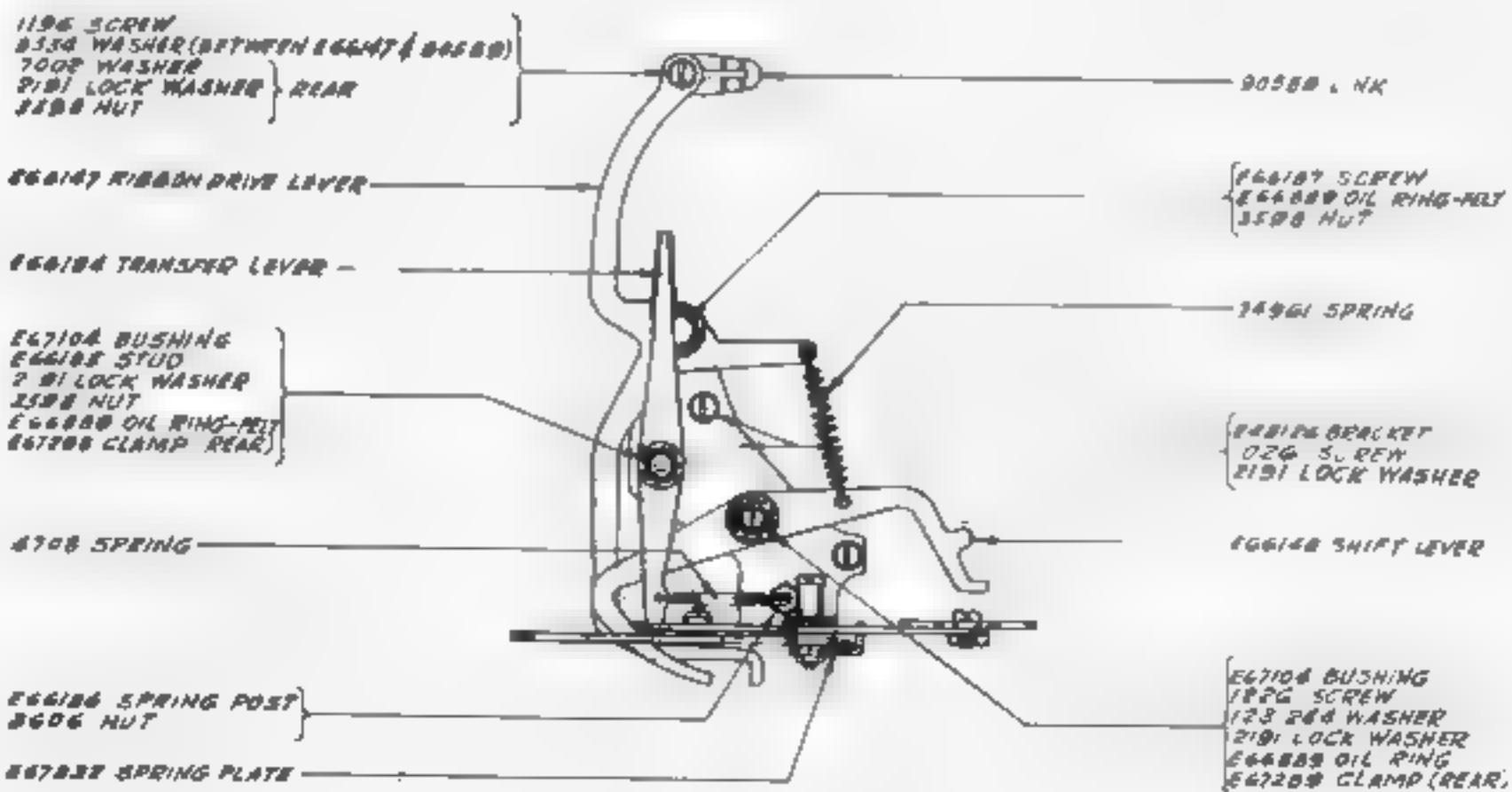
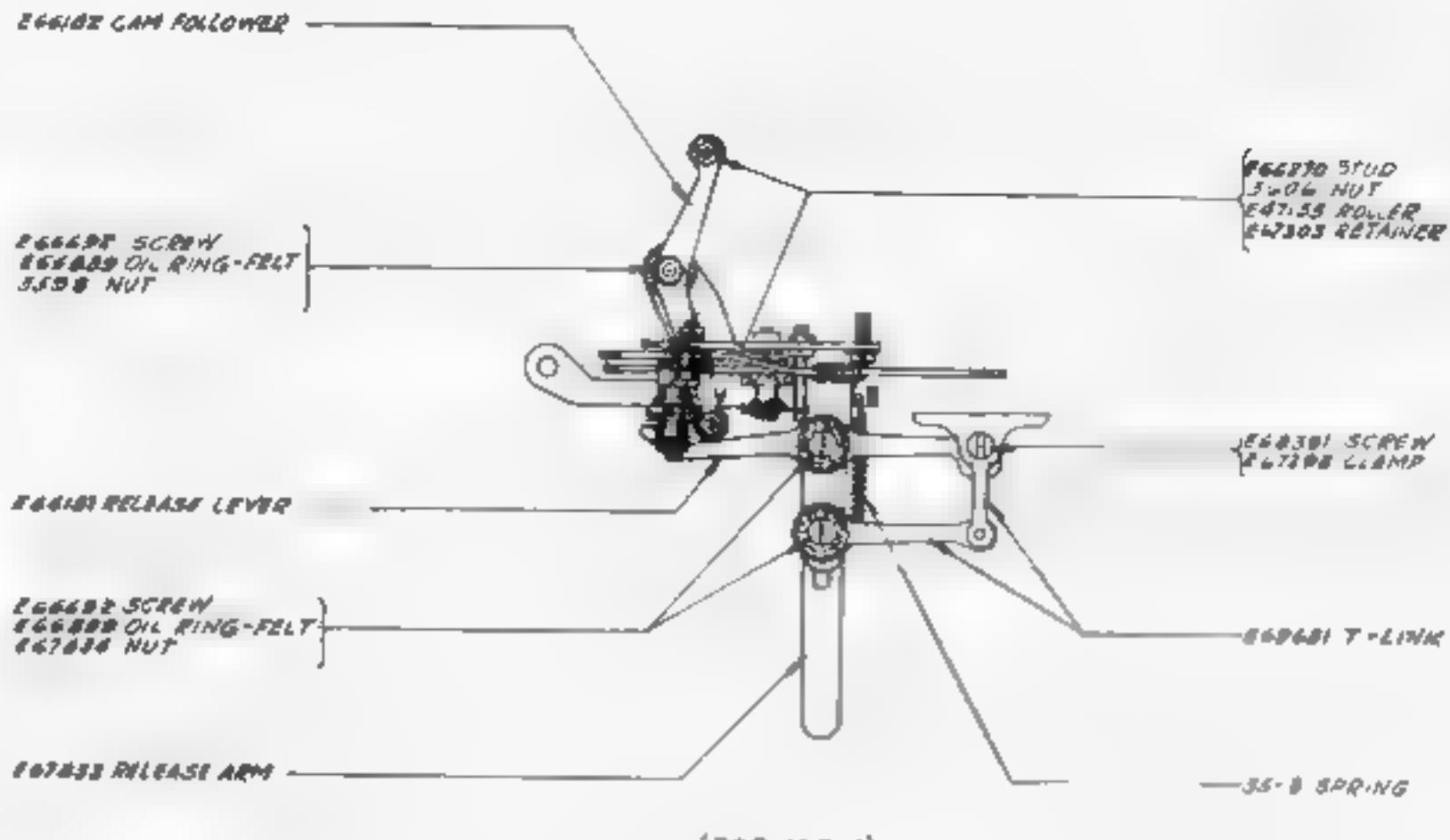
RANGE SCALE (ASSEM.)



CODE & FUNCTION BAR UNIT

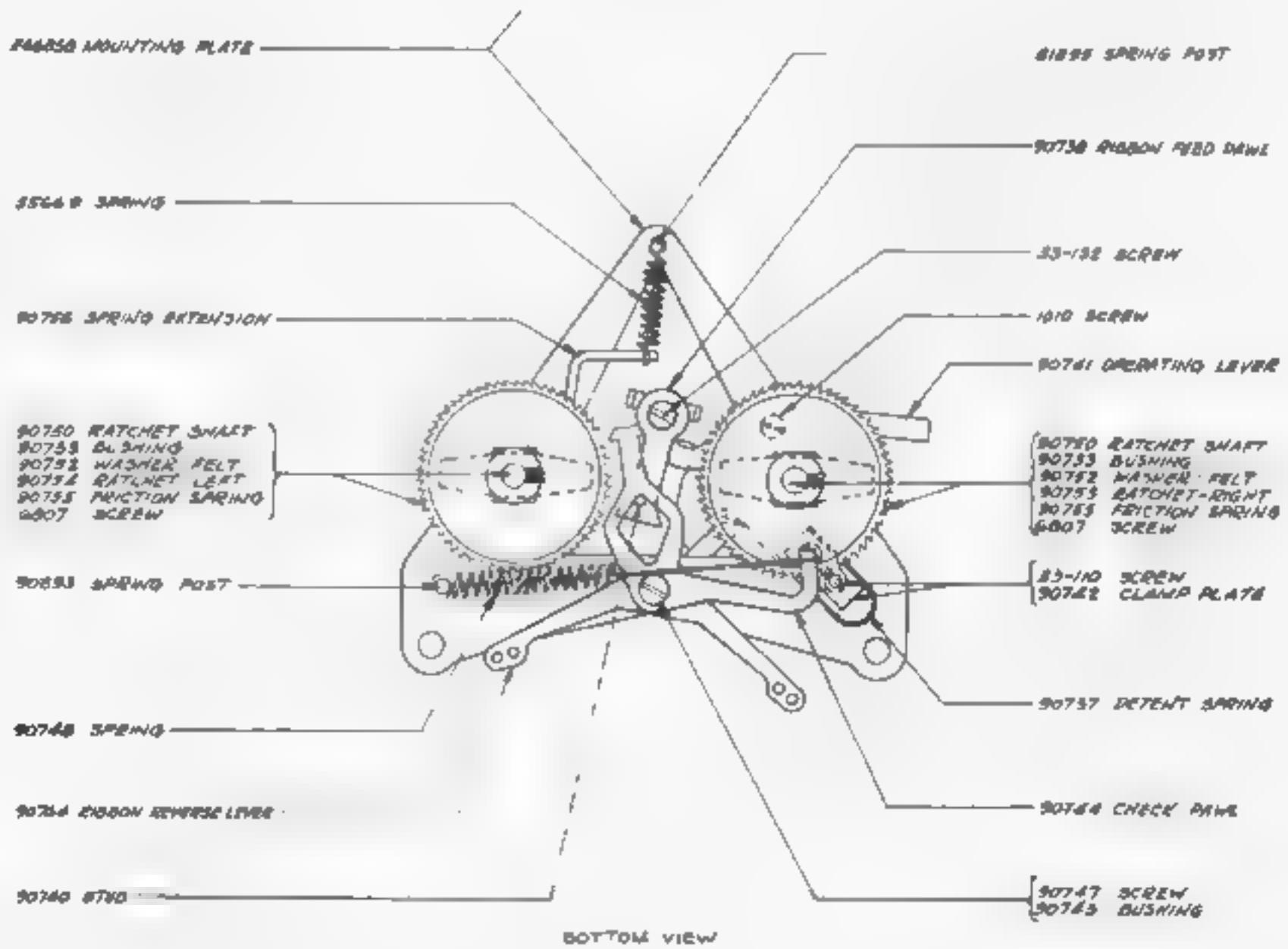
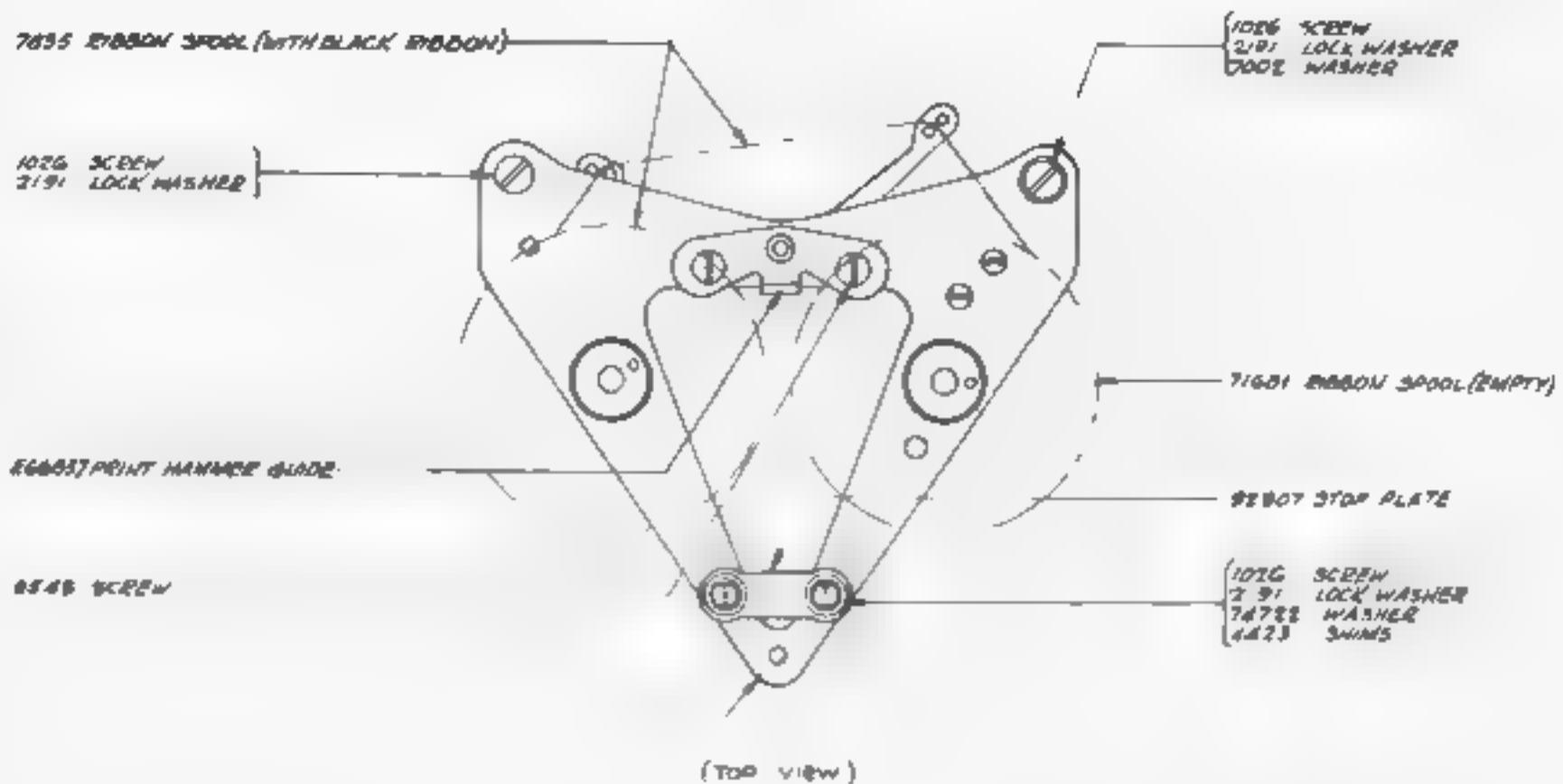


TYPE-WHEEL LIFT & FUNCTION PAWLS  
(FRONT VIEW)



MISC. FUNCTION LEVERS  
(FRONT VIEW)

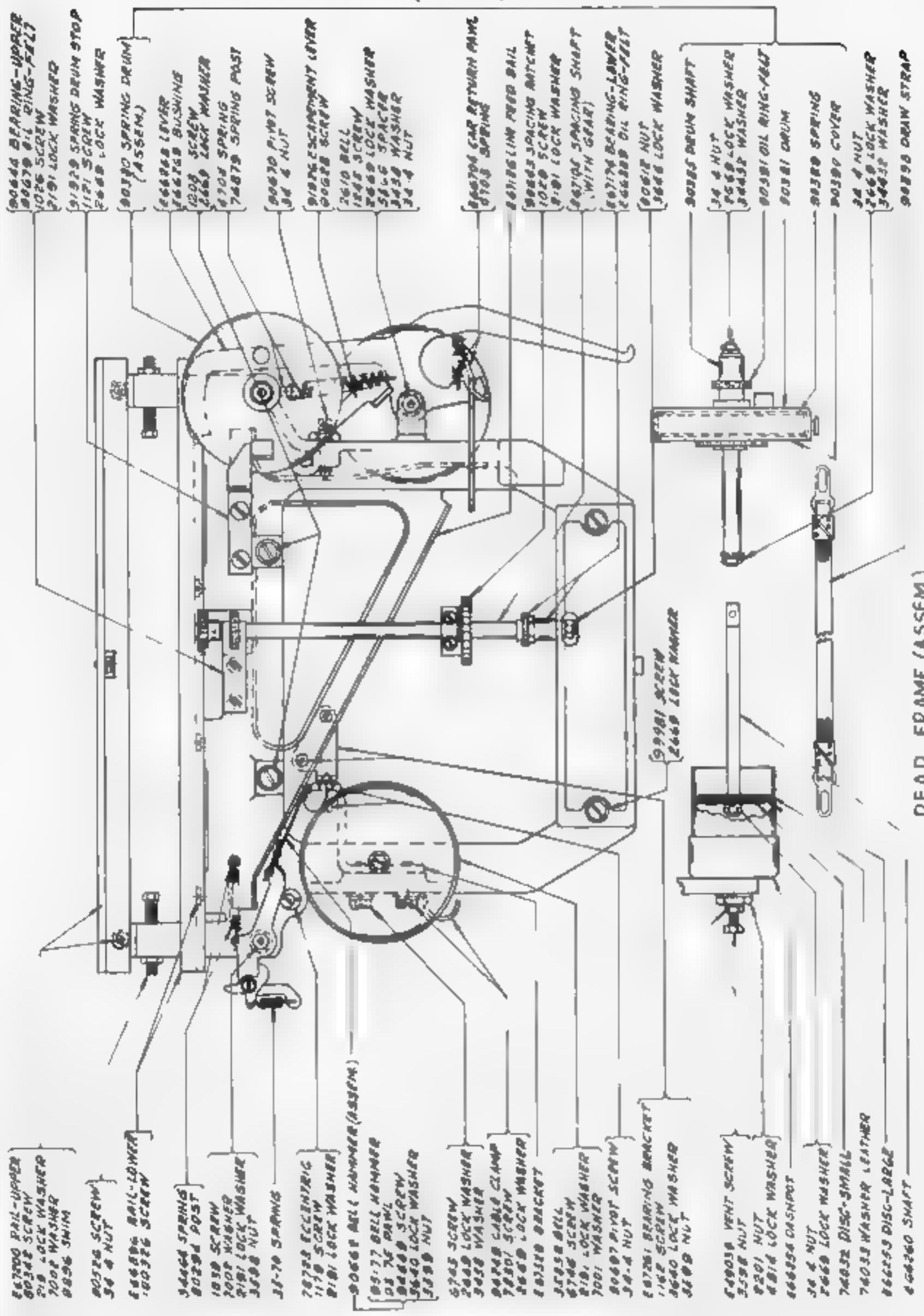
-6-  
(B-1138)

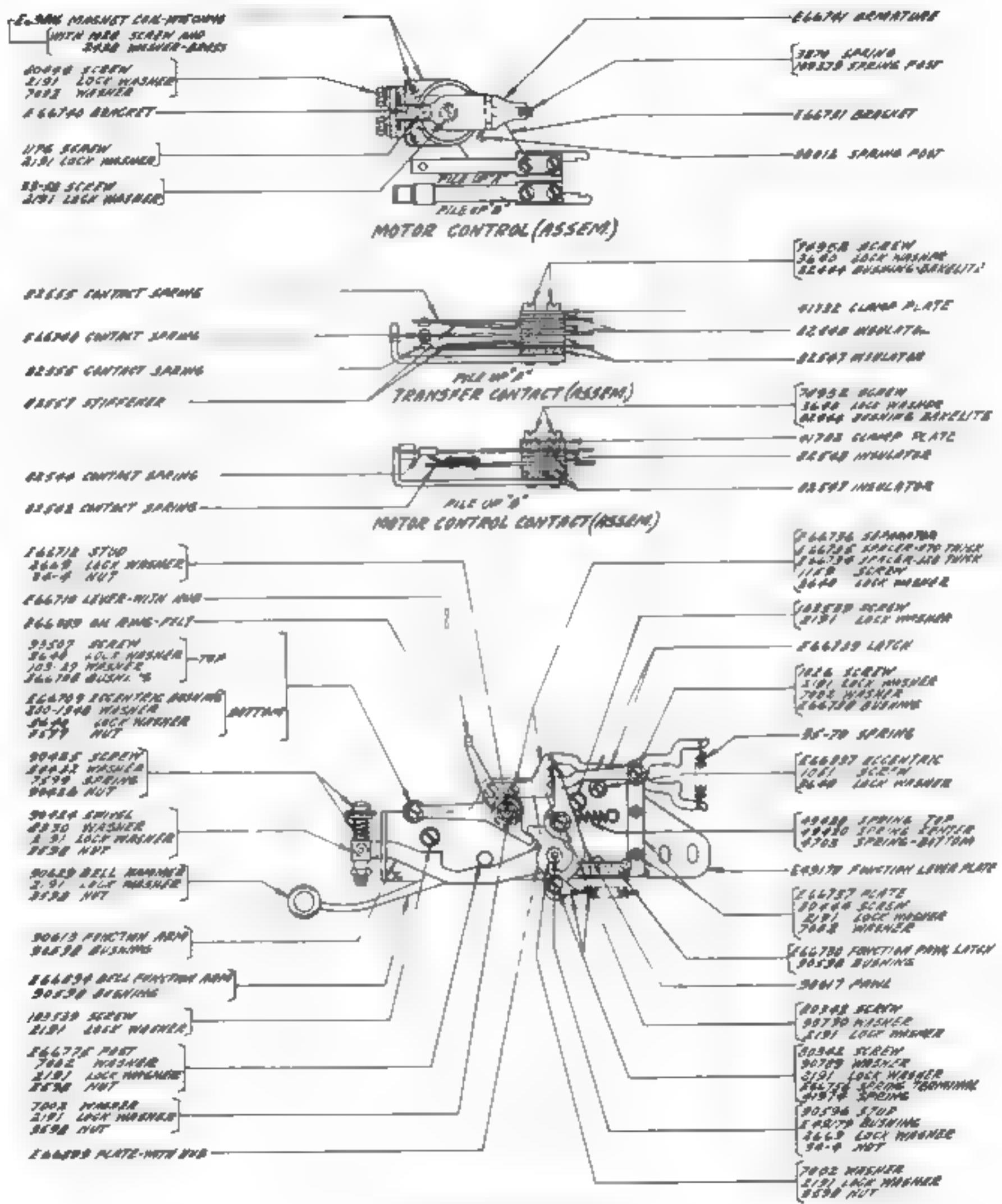


RIBBON FEED MECHANISM

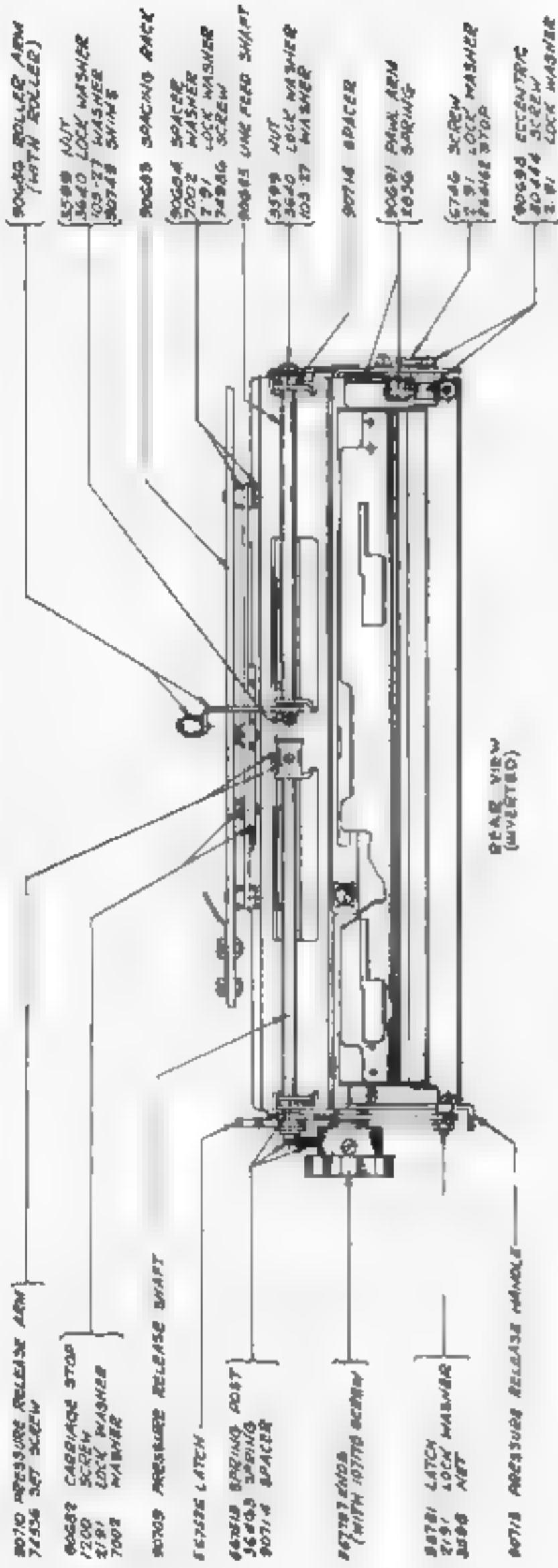
## READ FRAME (ASSEM)

-9-  
(B-1134)

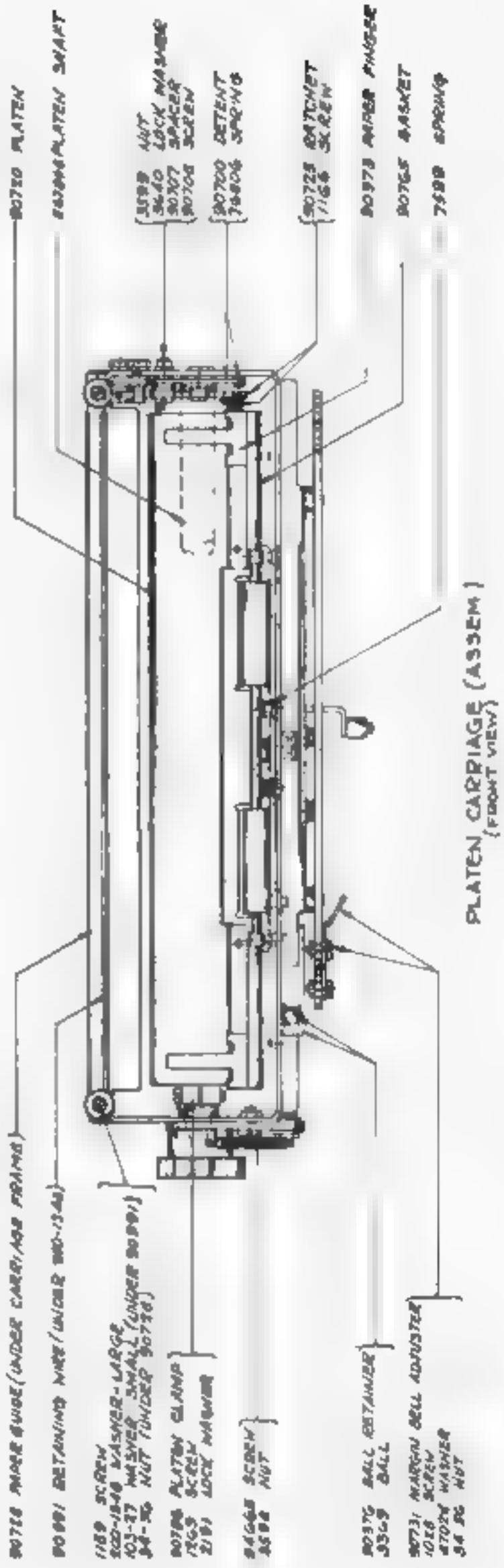


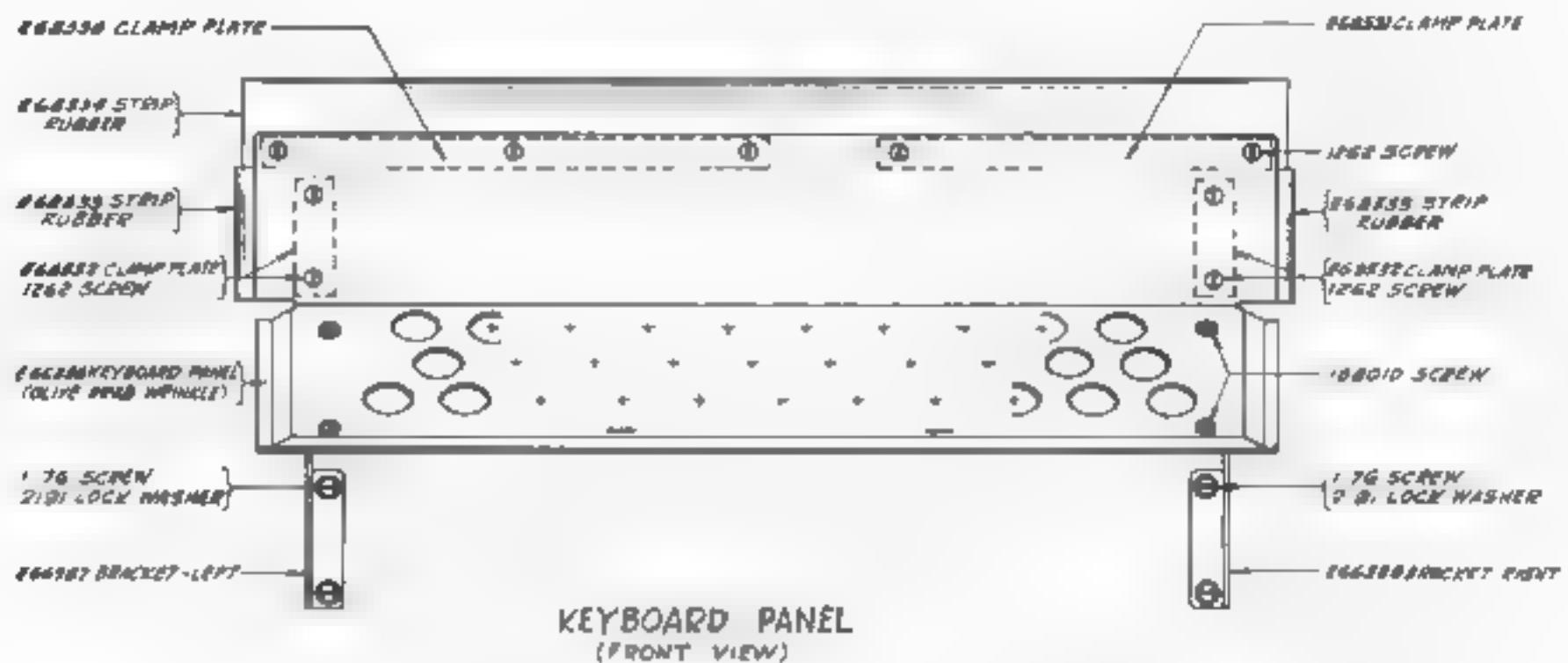


**FUNCTION PLATE (ASSEM.)**

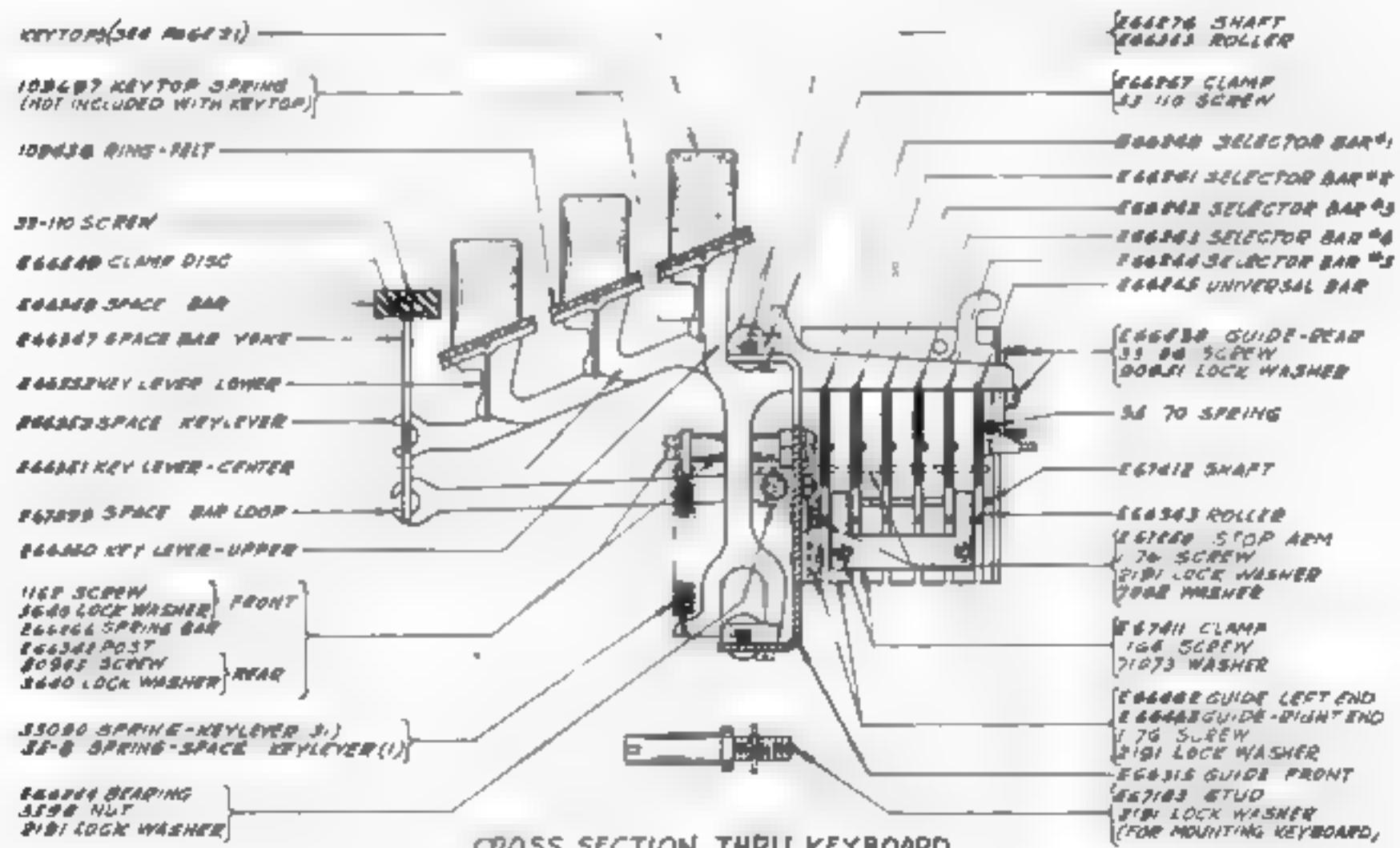


-11-  
(5-1138)

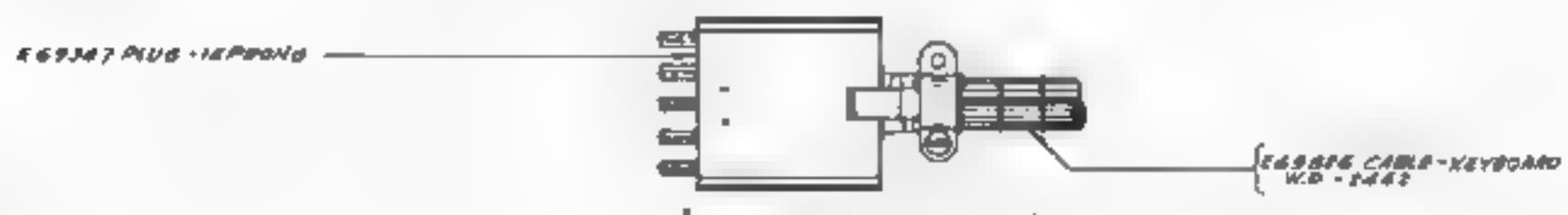




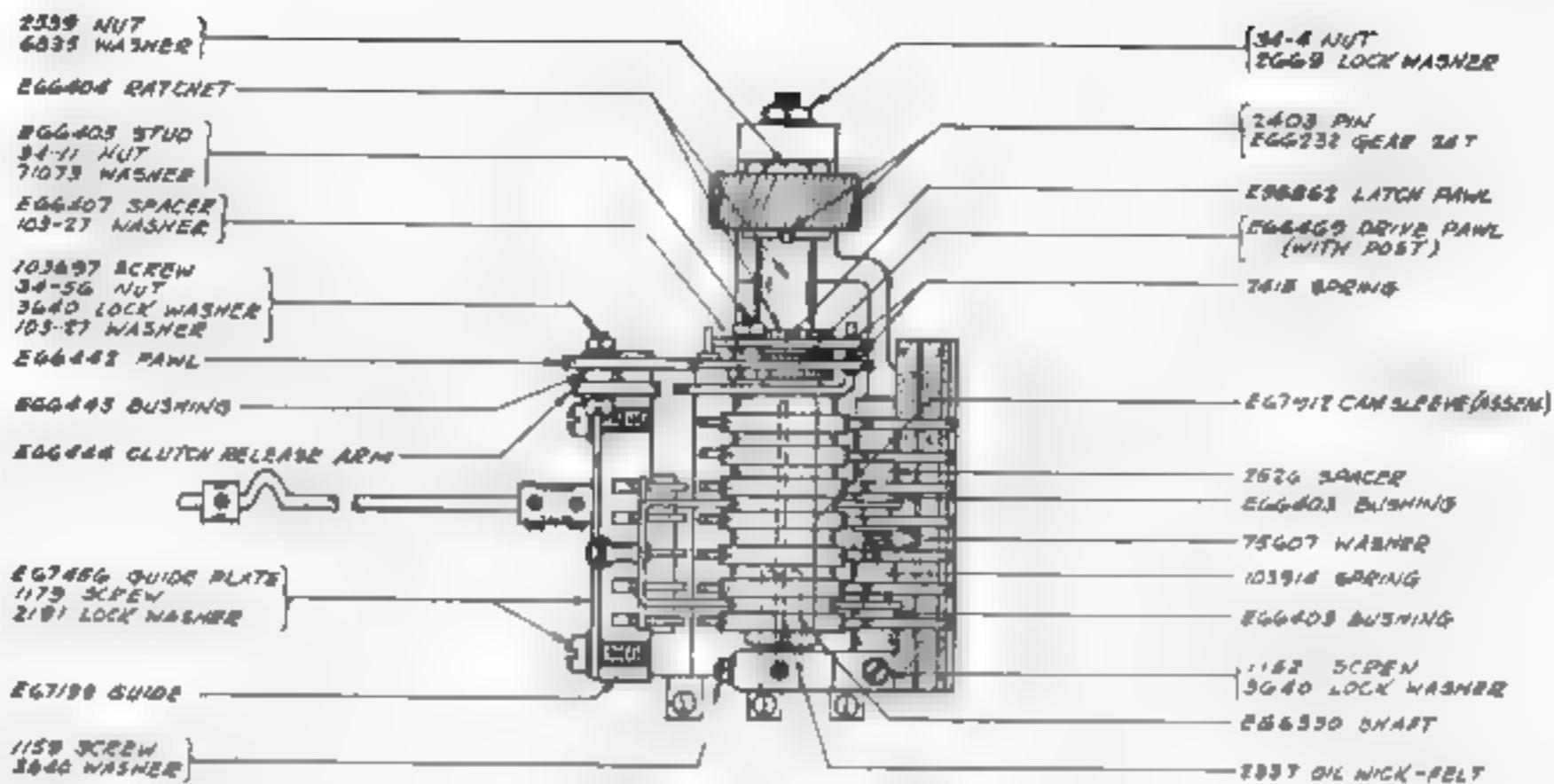
## KEYBOARD PANEL (FRONT VIEW)



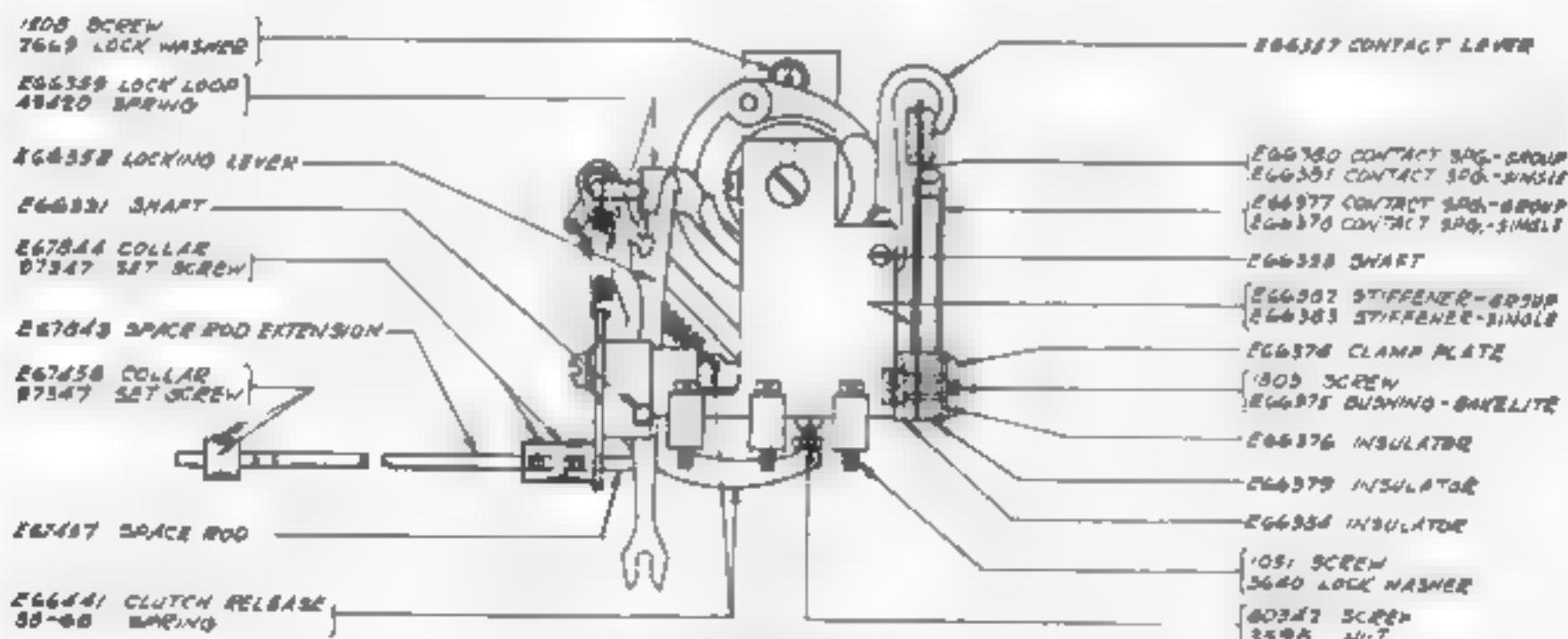
### CROSS SECTION THRU KEYBOARD



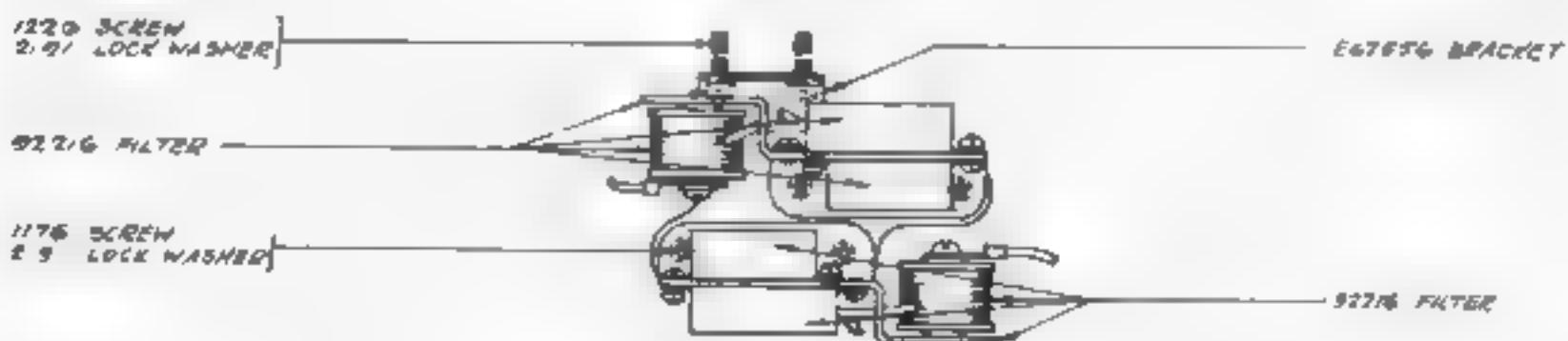
## PLUG & CABLE (KEYBOARD)



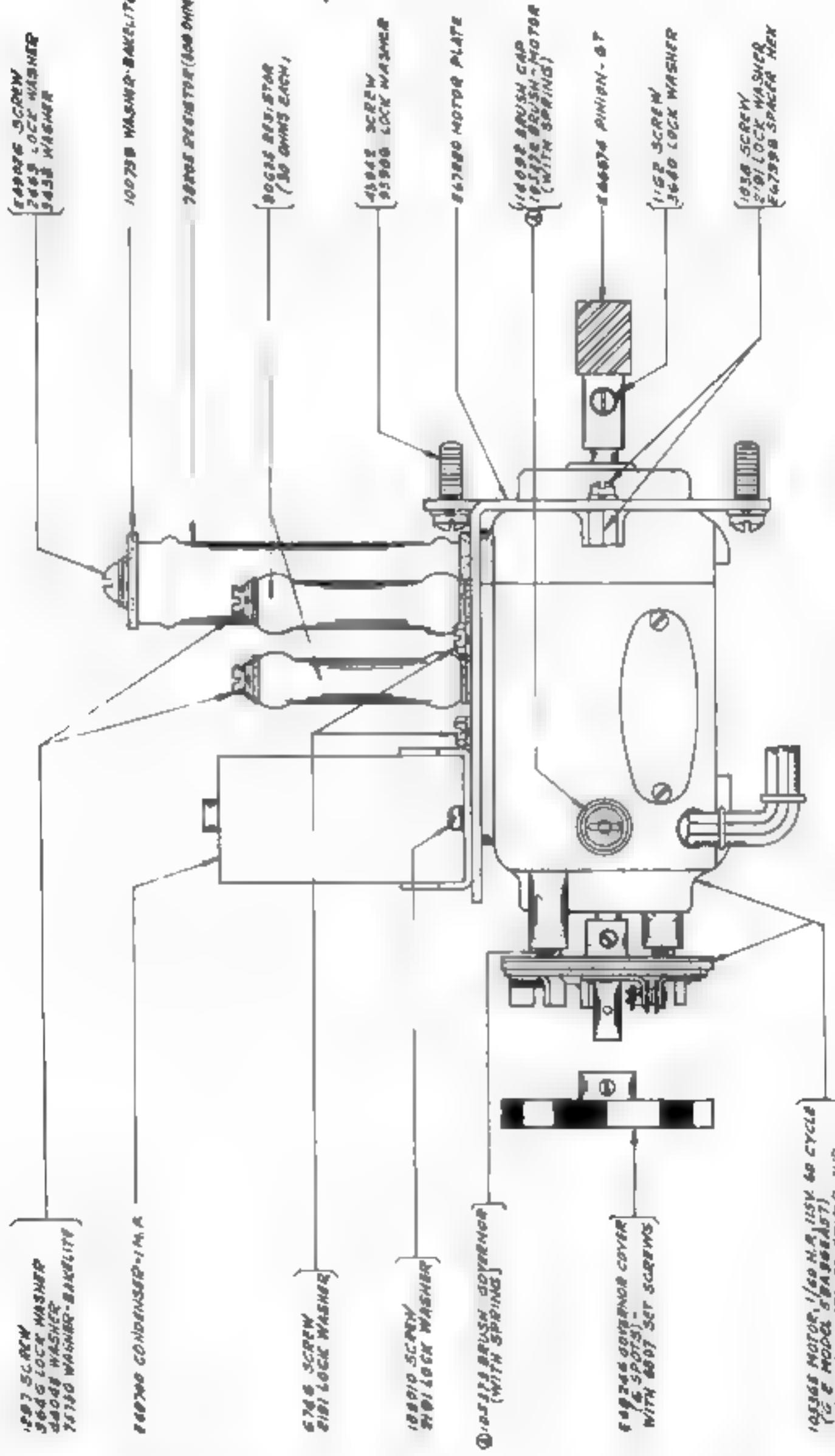
TOP VIEW

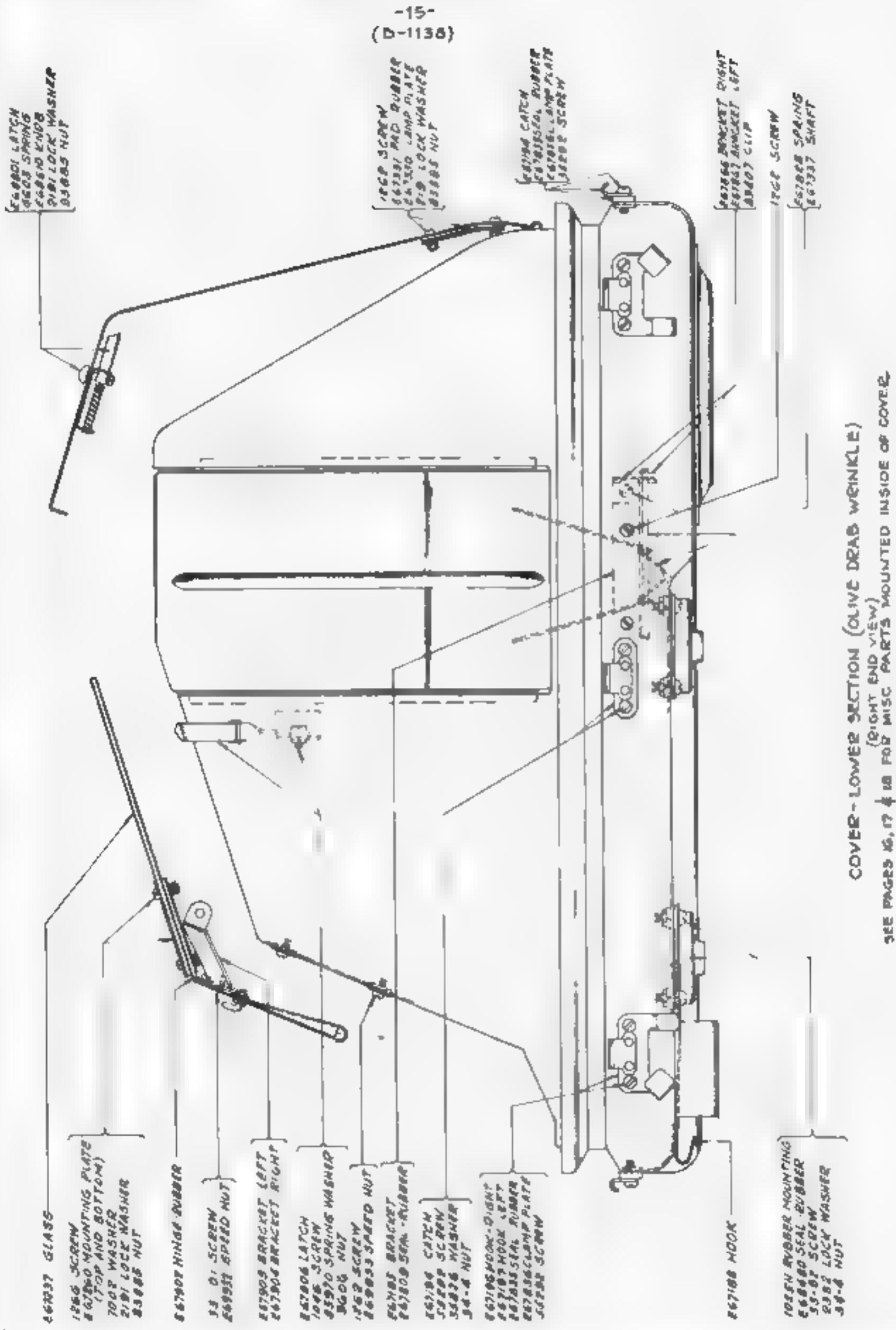


TRANSMITTER (ASSEM)  
FRONT VIEW

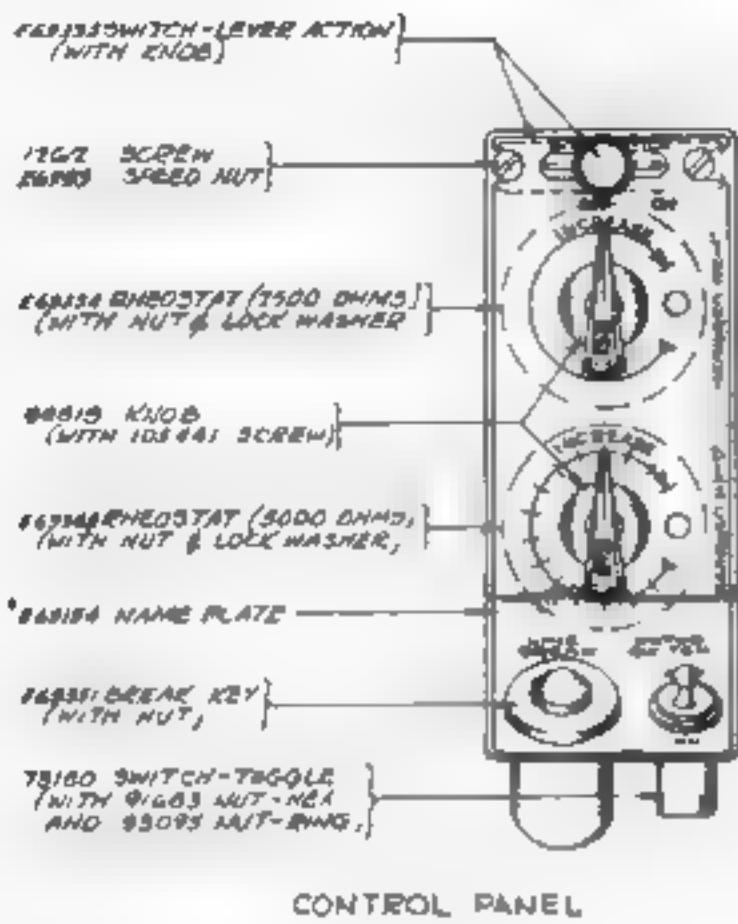


FILTER (ASSEM)

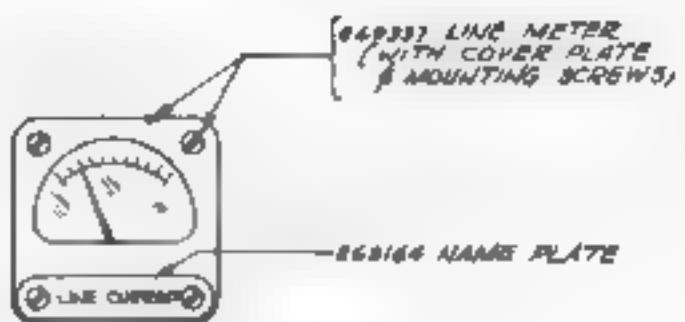




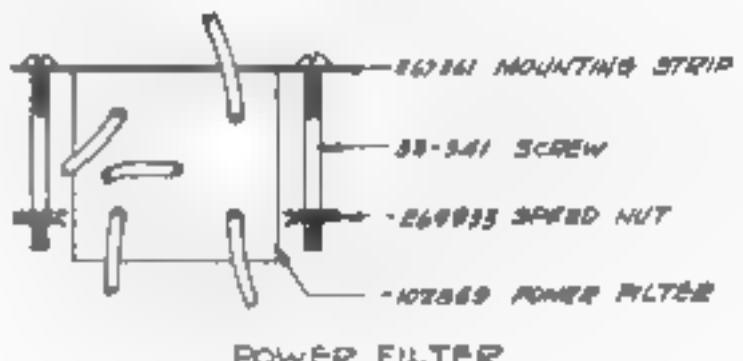
MISC. EQUIPMENT MOUNTED IN COVER-LOWER SECTION



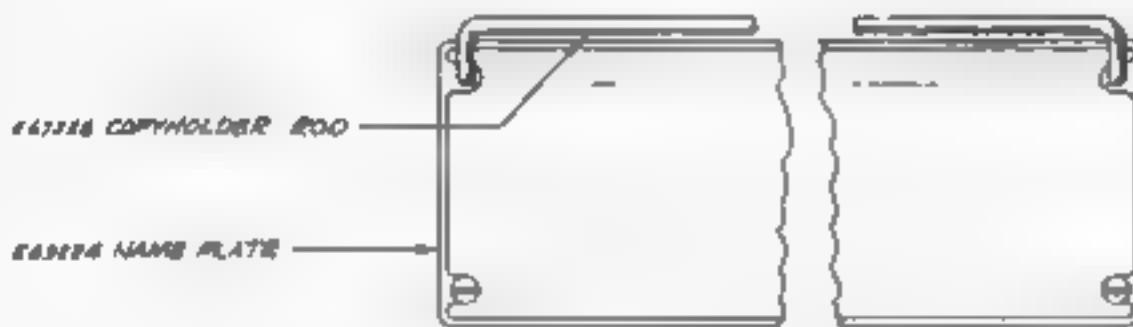
CONTROL PANEL



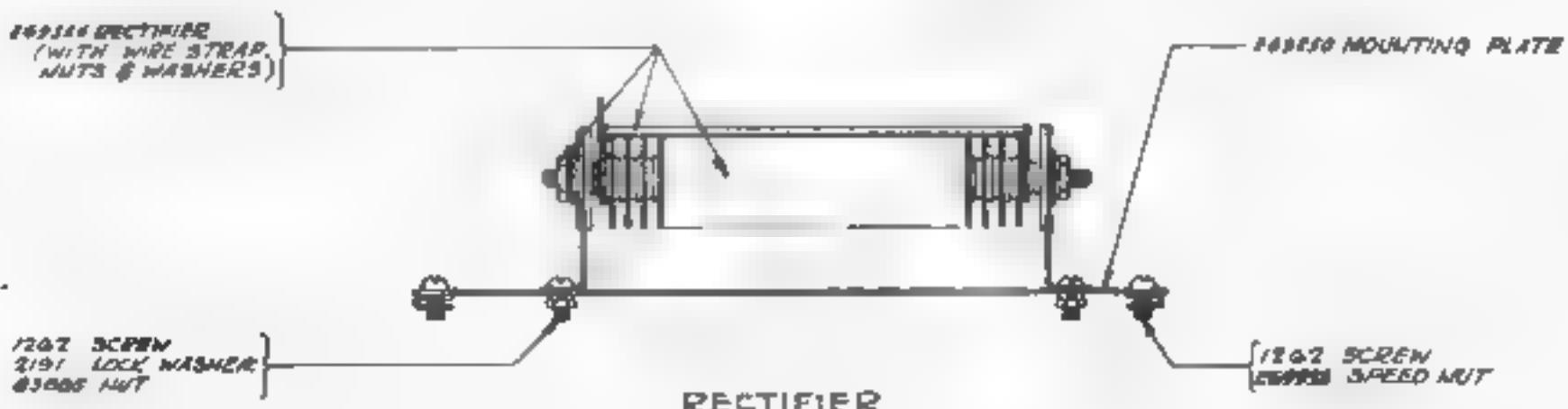
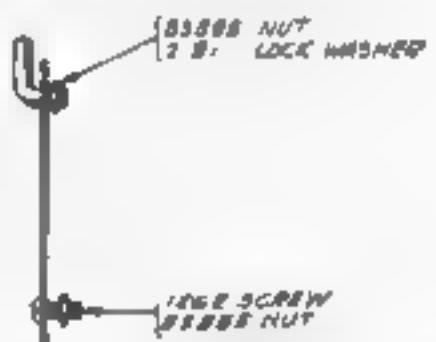
LINE METER



POWER FILTER

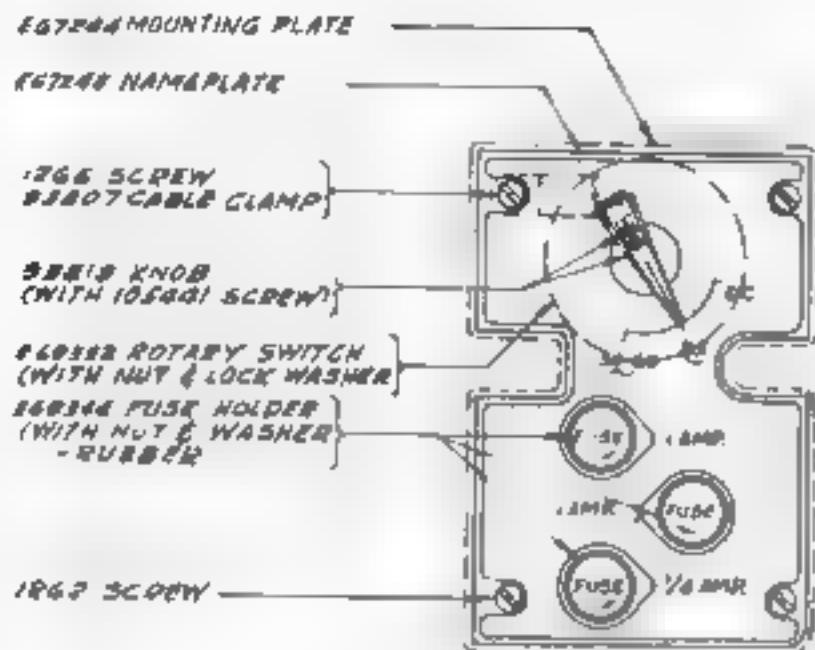


COPYHOLDER

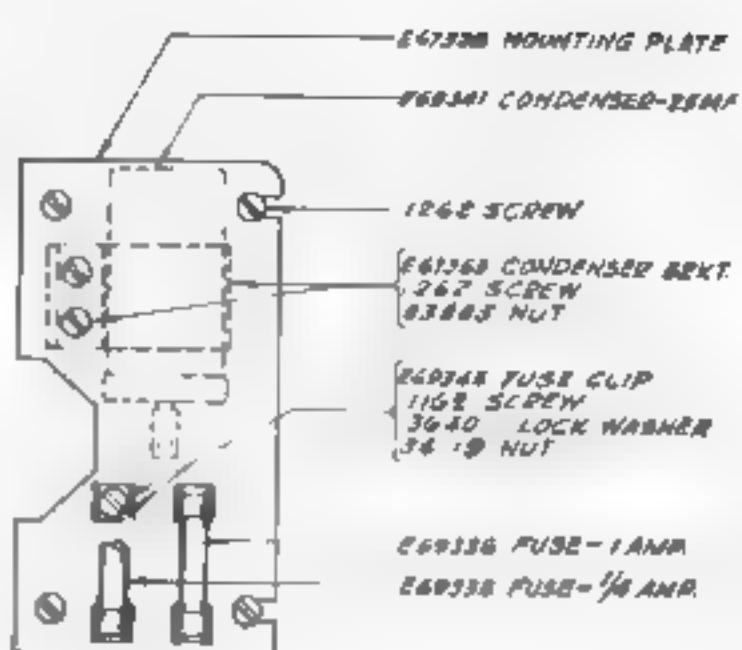


RECTIFIER

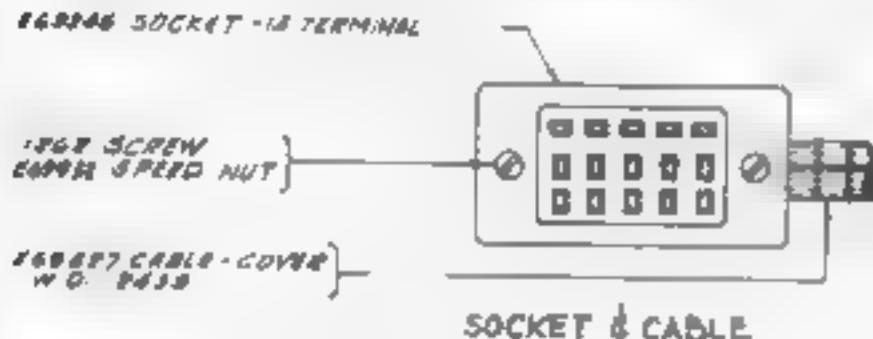
M.S.C. EQUIPMENT MOUNTED IN COVER-LOWER SECTION



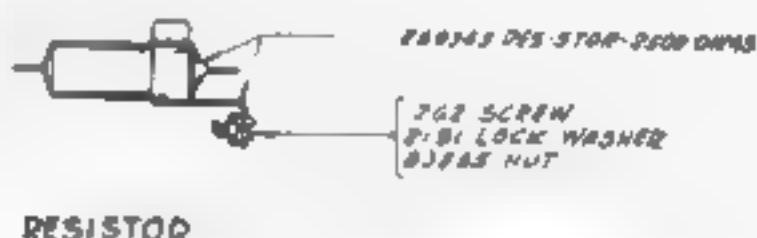
POWER SUPPLY PANEL



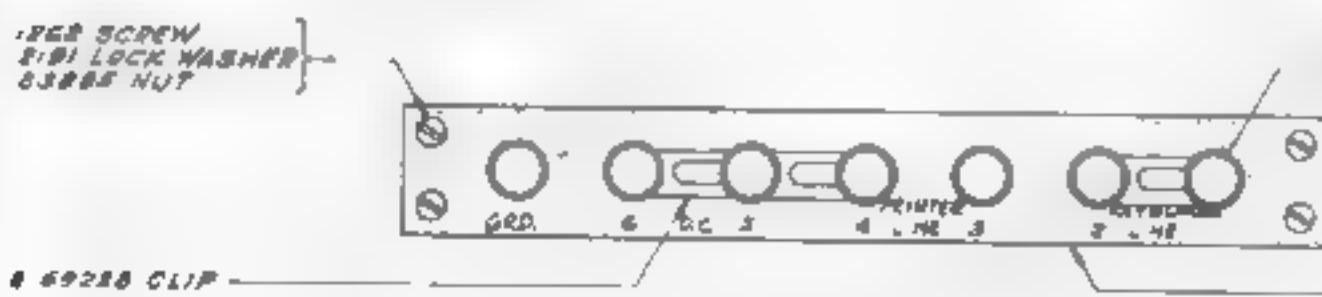
CONDENSER AND  
SPARE FUSE BRACKET



SOCKET & CABLE



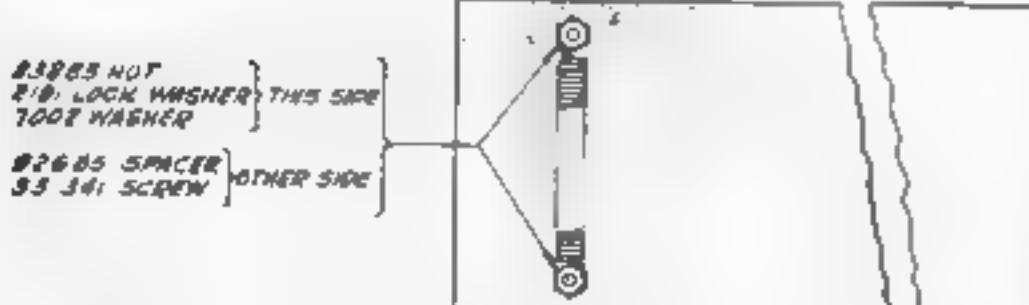
RESISTOR



TERMINAL BLOCK



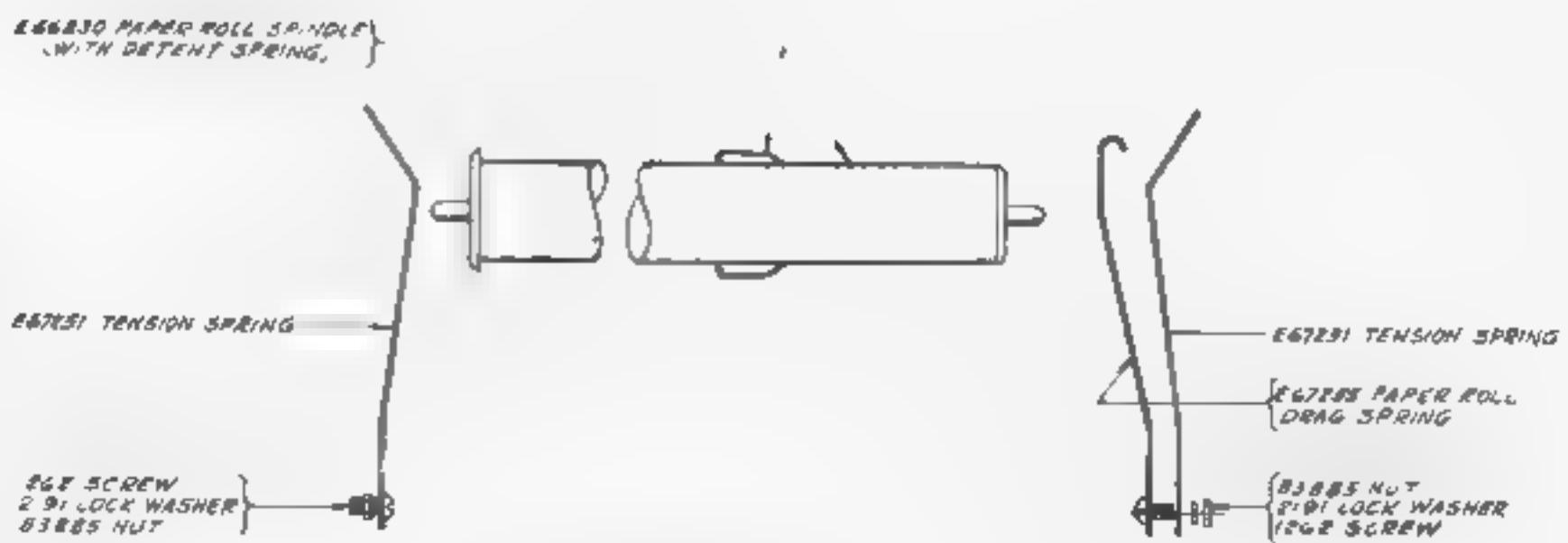
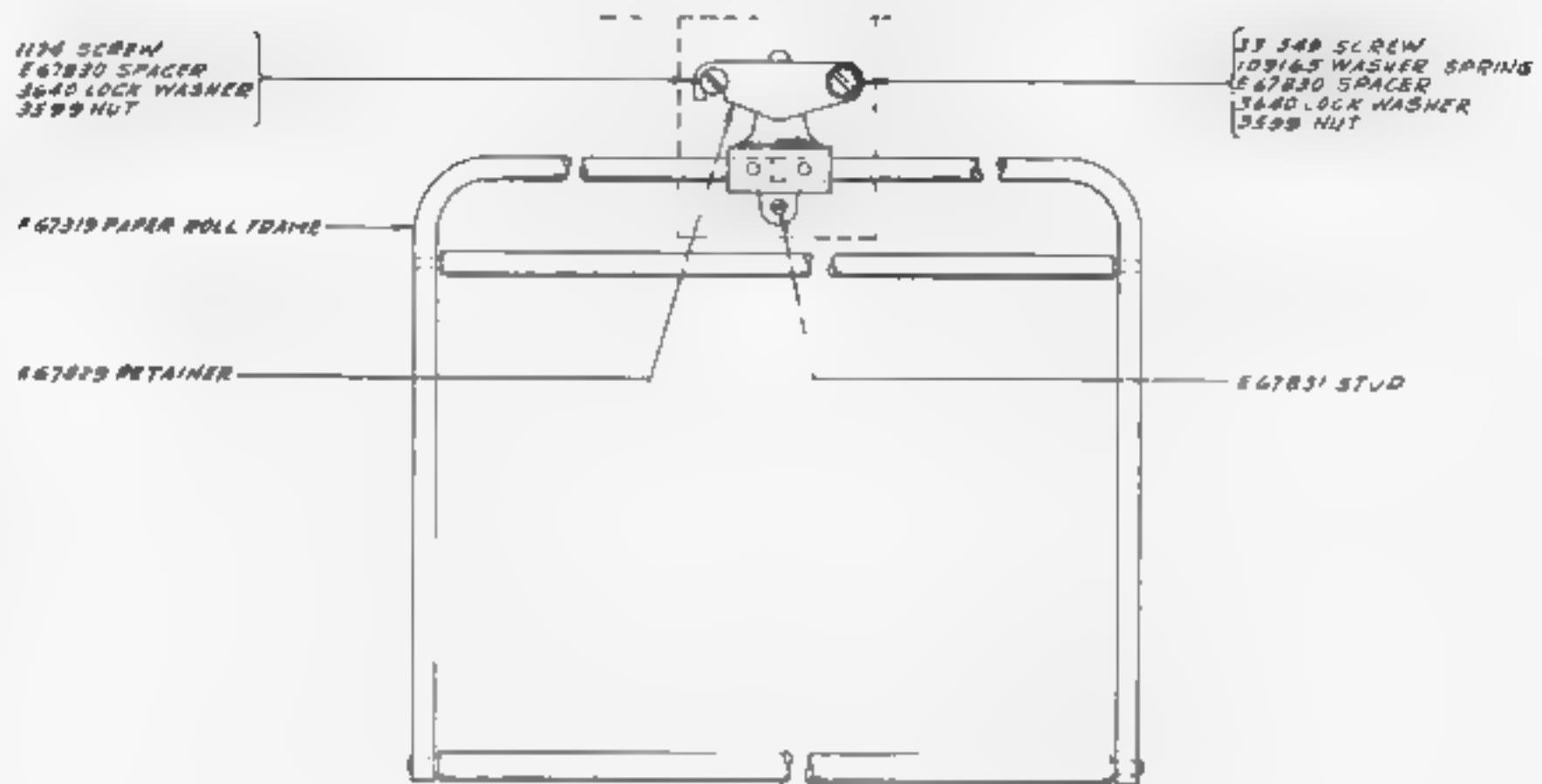
169361 TERMINAL BLOCK



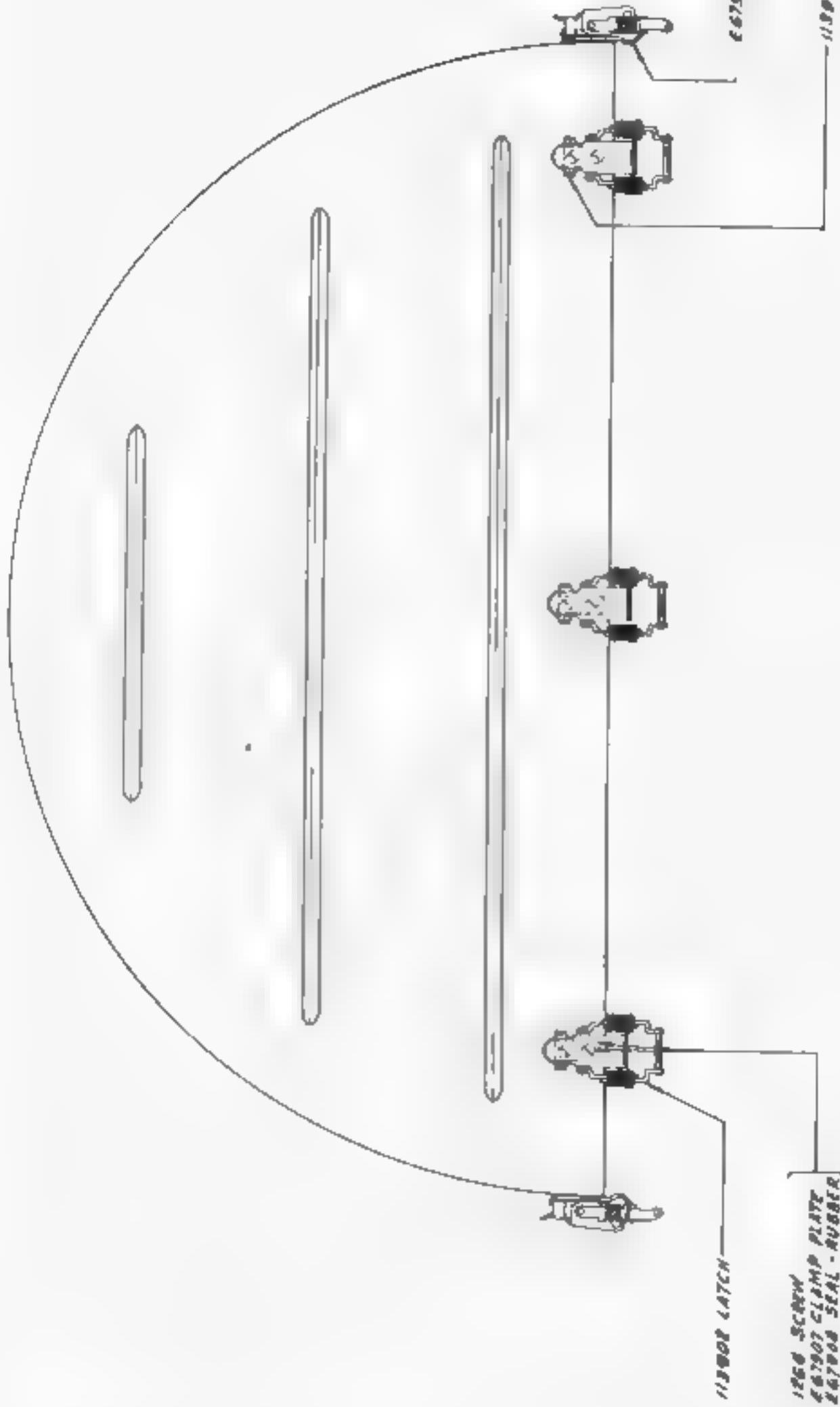
TUNING FORK HOLDER



MISC EQUIPMENT MOUNTED IN COVER-LOWER SECTION

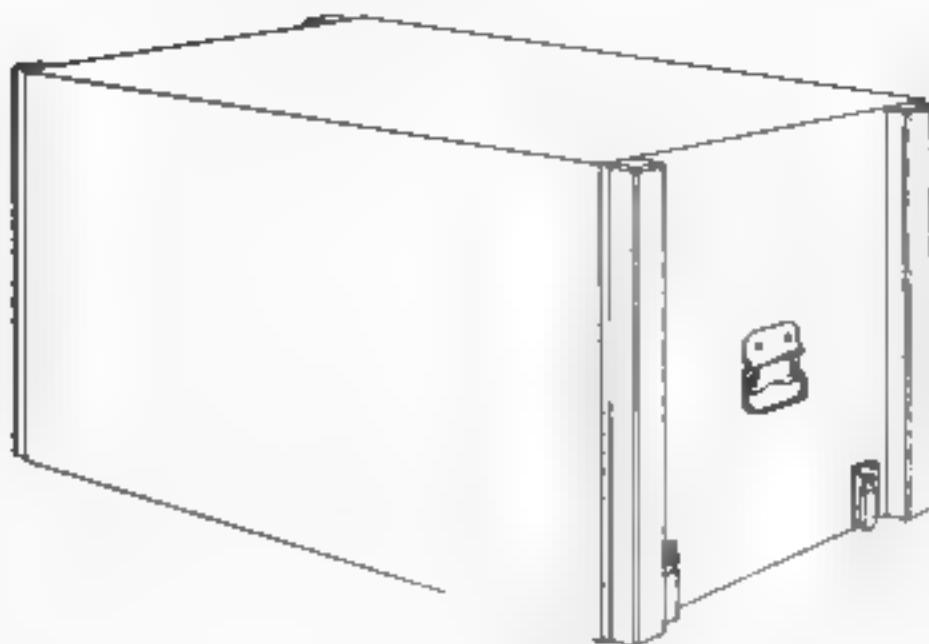


PAPER ROLL SPINDLE

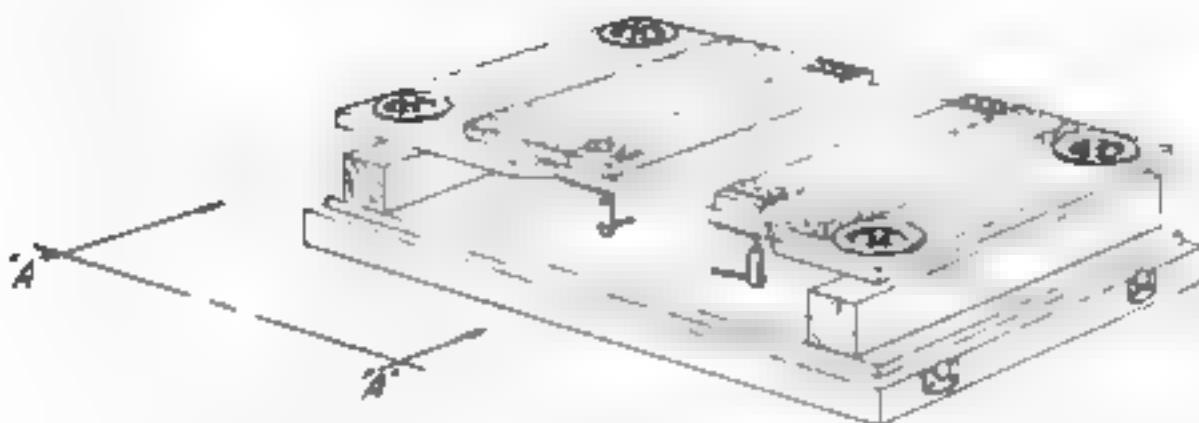


COVER - UPPER SECTION (OLIVE DRAB WRINKLE)  
(RIGHT END view)

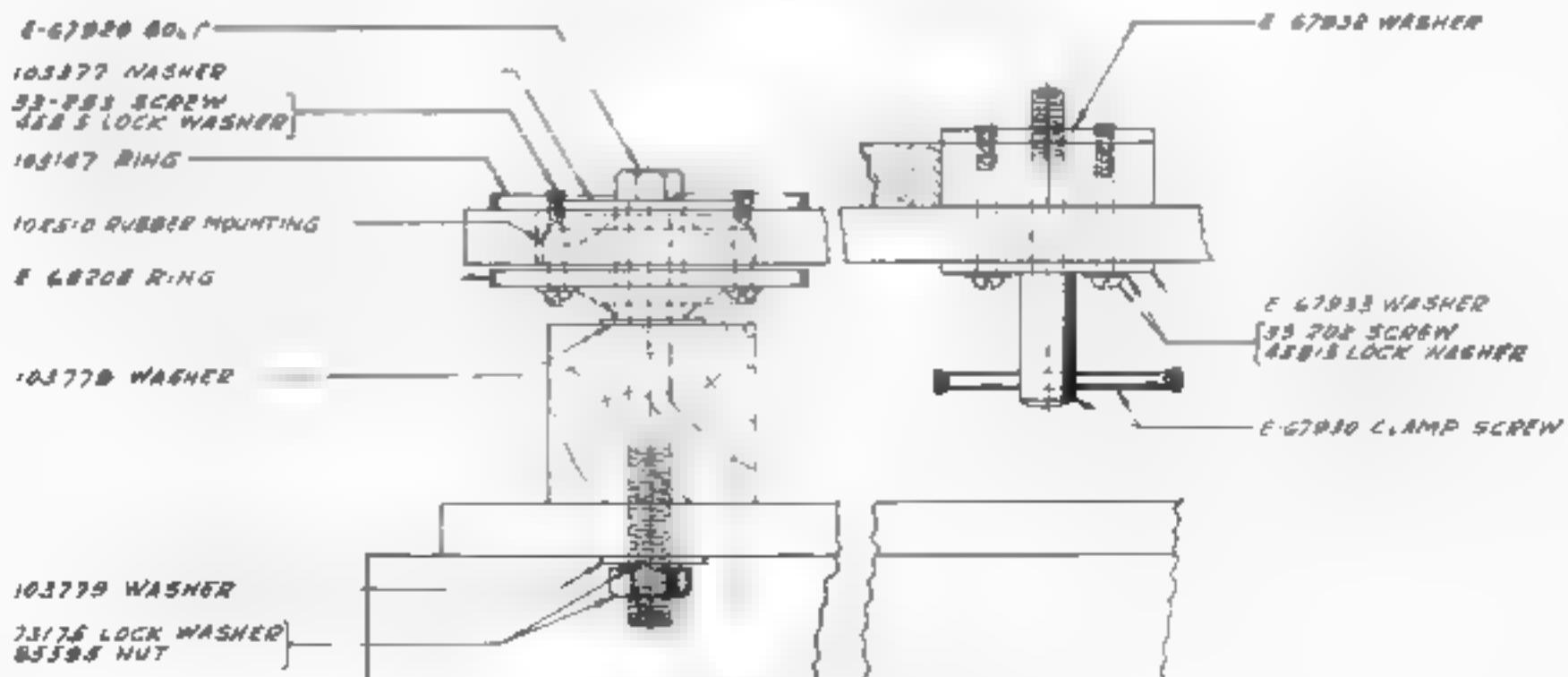
1266 Screen  
667907 Clamp Seal  
667903 Seal - Rubber



COVER



BASE



ENLARGED

E67934 CARRYING CASE (ASSEM) - OLIVE DRAB

KEYTOPS & TYPE PALLETS

KEYTOPS		TYPE PALLETS			
DESC	PART NUMBERS	DESC	PART NUMBERS	DESC	PART NUMBERS
A -	E69782	A	90831	-	90883
B ?	E69797	B	90832	?	90878
C :	E69795	C	90833	:	90886
D \$	E69784	D	90834	\$	90875
E 3	E69774	E	90835	3	90861
F !	E69785	F	90836	!	90879
G &	E69786	G	90837	&	90877
H STOP	E69787	H	90838	BLANK	90858
I 8	E69779	I	90839	8	90866
J 1	E69788	J	90840	1	90885
K (	E69789	K	90841	(	90880
L )	E69790	L	90842	)	90881
M .	E69799	M	90843	.	90888
N ,	E69798	N	90844	,	90889
O 9	E69780	O	90845	9	90867
P Ø	E69781	P	90846	Ø	E66363
Q 1	E69772	Q	90847	1	90859
R 4	E69775	R	90848	4	90862
S BELL	E69783	S	90849	BLANK	90858
T 3	E69776	T	90850	3	90863
U 7	E69778	U	90851	7	90865
V 1	E69796	V	90852	1	90887
W 2	E69773	W	90853	2	90860
X /	E69794	X	90854	/	90882
Y €	E69777	Y	90855	€	90864
Z "	E69793	Z	90856	"	90884
PGS	E69792	—	—	—	—
LTRG	E69800	—	—	—	—
LINE FEED	E69801	—	—	—	—
CAR RET	E69791	—	—	—	—
BLANK	E69802	—	—	—	—

ONLY PARTS SHOWN HEREIN WITHOUT THE LETTER "E" PREFIX MAY BE ORDERED AS SERVICE ITEMS.  
PART NUMBERS PREFIXED WITH LETTER "E" ARE SHOWN FOR REFERENCE PURPOSES ONLY.

NUMERICAL INDEX

M-207	Magnet Coil - 92 Ohms, 4	3595	Hut (1/4-32 Hex.), 3	71681	Ribbon Spool - Empty, 8
33-58	Screw (6-32 x 7/16), 10	3598	Hut (6-40 Hex.), 1, 2, 3, 4, 6, 7, 9, 10, 11, 12, 13	71697	Clamping Plate, 4
33-82	Screw (10-32 x 1/2), 15	3599	Hut (4-40 Hex.), 2, 4, 5, 6, 9, 10, 11, 18	72513	Driving Disc, 3
33-86	Screw (4-40 x 1/8), 12	3603	Hut (1/4-32 Hex.), 3	72514	Spring, 3
33-101	Screw (6-32 Fl. Hd.), 15	3606	Hut (6-40 Hex.), 1, 4, 6, 7, 15	72515	Hut (5/16-32 Hex.), 3
33-110	Screw (4-40 x 3/16), 1, 8, 12	3640	Lock Washer, 1, 3, 4, 5, 9, 10, 11, 12, 13, 14, 17, 18	72517	Retaining Disc, 3
33-132	Screw (4-40 Shoulder), 6	3646	Lock Washer, 9, 14	72521	But (5-16 x 32 Keyed - Hex.), 3
33-202	Screw (10-32 x 1-1/4 Rd. Hd.), 20	3670	Spring, 10	72563	Oil Wick - Felt, 2, 3
33-253	Screw (10-32 x 7/8), 20	4423	Shim, 6	73175	Oil Ring - Felt, 3
33-341	Screw (6-32 x 9/16), 16, 17	4463	Spring, 15	73180	Washer, 20
33-349	Screw (4-40 Shoulder), 18	4703	Spring, 9, 10		Switch - Toggle (with 91683)
34-4	Nut (10-32 Hex.), 1, 6, 9, 10, 13, 15	4704	Spring, 9		Nut - Hex., and 93095
34-11	Nut (2-56 Hex.), 1, 13	4708	Spring, 4, 7	73894	But - Ring, 16
34-19	Nut (8-32 Hex.), 17	4809	Oil Wick - Felt, 6	74032	Screw (6-40 Set), 2
34-56	Nut (4-40 Hex.), 4, 11, 13	4814	Lock Washer, 1, 9	74033	Disc - Small, 1, 9
35-8	Spring, 6, 7, 12	5475	Nut (3/16-40 Hex.), 4	74334	Washer - Leather, 1, 9
35-26	Spring, 17	5566	Spacer, 9	74399	Washer, 6
35-42	Spring, 5	6685	Screw (6-40 Pill-t), 4	74536	Screw (6-40 x 5/32 Set), 11
35-68	Spring, 6, 13	6689	Separator Plate, 4	74547	Collar, 2
35-69	Spring, 1	6745	Screw (10-32 x 1/2), 2, 6, 9	74722	Washer, 4, 8
35-70	Spring, 9, 10, 12	6746	Screw (6-40 x 5/16), 2, 4, 9, 11, 14	74879	Spring Post, 9
103-27	Washer, 1, 2, 3, 10, 11, 13	6799	Screw (6-40 Shoulder), 4	74952	Screw (4-40 x 9/8), 5, 10
123-244	Washer, 4, 7	6801	Screw (4-40 Pill-t), 4	74961	Spring, 7
200-1348	Washer, 10, 11	6807	Screw (6-40 x 3/16 Set), 8, 14	74966	Screw (6-40 x 13/32), 6, 11
1010	Screw (6-40 Shoulder), 6	6811	Screw (6-40 x 5/8), 4	75607	Washer, 13
1026	Screw (6-40 x 3/8), 2, 7, 8, 9, 10	6835	Washer, 13	75750	Washer - Bakelite, 14
1028	Screw (6-40 x 1/4), 10, 11	6851	Washer - Felt, 3	76011	Code Disc N. 1, 2
1029	Screw (6-40 x 27/64), 9	6853	Cam Sleeve Disc, 3	76012	Code Disc N. 2, 2
1030	Screw (6-40 Shoulder), 4	6909	Stop Lever, 4	76013	Code Disc N. 3, 2
1038	Screw (6-40 x 9/32), 2, 14	6956	Eccentric Step, 4	76014	Code Disc N. 4, 2
1039	Screw (6-40 Shoulder), 9	7001	Washer, 2, 4, 9	76015	Code Disc N. 5, 2
1046	Screw (6-40 Shoulder), 15	7002	Washer, 1, 2, 4, 6, 7, 8, 9, 10, 11, 12, 13, 17	76085	Bushing, 2
1051	Screw (4-40 x 1/2), 10, 13	7007	Trip Plunger, 4	76087	Washer - Felt, 2
1073	Screw (6-40 Thumb), 4	7008	Clutch - Driving, 3	76303	Friction Disc, 2
1121	Screw (10-32 x 3/8), 9	7009	Clutch - Driven, 3	76379	Friction Spring, 2
1159	Screw (4-40 x 3/8), 6, 10, 11, 13	7012	Spacer, 2	76406	Shim, 2
1160	Screw (6-40 x 5/16), 3	7007	Spring, 10, 11	76432	Spring - Lift Slide, 6
1162	Screw (6-40 x 1/4), 3, 9, 12, 13, 14, 17	7009	Spring, 4	76506	Spring, 11
1164	Screw (2-56 x 3/16), 1, 12	7012	Spring, 5	78163	Post, 4
1166	Screw (4-36 x 1/4), 11	7055	Ribbon Spool (with Black Ribbon), 8	78164	Selector Post, 4
1168	Screw (4-40 x 5/16), 5	7062	Spring, 4	78205	Resistor - 300 Ohms, 14
1174	Screw (4-40 Shoulder), 18	7063	Spring, 2, 4	78301	Screw (10-32 x 5/8), 9
1176	Screw (6-40 x 3/16), 2, 5, 10, 12, 13	7067	Collar, 4	78596	Washer, 4
1179	Screw (6-40 x 5/8), 1, 3, 9, 13	7068	Spring, 1	78597	Screw (10-32 Shoulder), 4
1181	Screw (6-40 x 11/16), 2	7068	Spring, 4	78723	Eccentric, 9
1196	Screw (6-40 Shoulder), 7	7069	Spring, 5	80294	Post, 9
1200	Screw (6-40 x 9/32), 11	7075	Ribbon Spool (with Black Ribbon), 8	80342	Screw (6-40 x 23/64), 9, 10, 13
1208	Screw (10-32 x 5/8), 2, 9, 13	7093	Spring, 3	80444	Screw (6-40 x 1/4), 4, 10, 11
1223	Screw (10-32 x 1/2), 6	8157	Selector Lever - Right, 4	80612	Mut (8-32 Hex.), 9
1226	Screw (6-40 x 3/4), 1, 7, 13	8330	Washer, 6, 10	80625	Resistor - 30 Ohms, 14
1245	Screw (10-32 x 1), 9	8334	Washer, 7	80721	Washer, 4
1262	Screw (6-32 x 5/16), 13, 15, 16, 17, 18	8343	Screw (6-40 x 1/4), 1, 2, 8	80854	Screw (6-40 x 1-7/16), 5
1266	Screw (6-32 x 7/16), 15, 17, 19	8396	Shim, 2, 9	80955	Screw (4-40 x 1/4), 12
1269	Screw (6-40 x 1/2), 6, 11	21397	Washer, 6	81895	Spring Post, 8
1297	Screw (6-40 x 2-7/16), 14	24432	Washer, 4, 9, 10	82440	Screw (6-40 x 7/16), 4
1303	Screw (6-40 x 13/32), 2, 13	34464	Spring, 9	82444	Bushing - Bakelite, 10
2191	Lock Washer, 1, 18	35826	Washer, 15	82542	Contact Spring, 10
2201	Nut (5/16-32 Hex.), 1, 9	35858	Bell, 9	82544	Contact Spring, 10
2337	Oil Wick - Felt, 13	36463	Spring, 11	82547	Insulator, 10
2382	Lock Washer, 15	41732	Clamp Plate, 10	82548	Insulator, 10
2403	Pin, 13	41974	Spring, 10	82555	Contact Spring, 10
2415	Spring, 13	44048	Washer, 14	82557	Stiffener, 10
2438	Washer, 10	45814	Screw (6-40 Shoulder), 1	83330	Washer, 2
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